

# BenQ

Large Format Display | Projector | Wireless Presentation



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## Reseller Product Guide

BenQ Global Leader in Business Display

# 2021

# BenQ



**DLP Technology**

BenQ BlueCore 4K laser projectors utilize DLP 4K UHD DMD's 4.15 million micromirrors and the fast switching speed as well as the advanced image processing capability of the DLP 4K UHD chipset to achieve CTA's 4K UHD specification. With a resolution that's four times higher than Full HD 1080p, 4K UHD reduces pixel blur for awe-inspiring clarity and crisply defined fine details.



**BlueCore Laser**

BlueCore Laser Projectors generate unmatched high-lumen brightness throughout their long-lasting extended lifecycles with superior image quality, enhanced colour intensity, balance, and fidelity. Engineered for 24/7 continuous operation, the BlueCore laser light source is rated for 20,000 hours of operation at full brightness without lamp replacement for continuously uninterrupted operation.



**HDR-PRO™**

HDR-PRO™ is BenQ's exclusive projector-optimized HDR technology, supercharged by both HDR10 and HLG support and equipped with BenQ's exclusive Auto HDR Color Rendition and Cinema-Optimized technology, offers greater brightness, contrast range, and image optimization in a single step, bringing out every detail in 4K video content for superior cinematic enjoyment.



**Excellent Installation Flexibility**

BlueCore laser technology guarantees reliable projection from any angle. Dynamic installation options such as 360° rotation allow projection onto ceiling, walls, floors, or angled signage.



**LumiExpert™**

LumiExpert™ technology can automatically detect the ambient light conditions of a meeting room and adjust the projector's brightness to maximize clarity and comfort. Whether presenting in the dark boardroom or a brightly lit office, LumiExpert™ makes sure the BenQ Corporate projectors deliver peak performance.



**CinematicColor™**

CinematicColor™ technology utilizes optimal colours to bring out accurate and enhanced images. CinematicColor's super wide DCI-P3 colour space (covering far greater visible spectrum than Rec. 709), high native ANSI contrast ratio and ISFccc certified calibration ensure incredible image performances and deliver detailed, sharp and crisp visuals to accompany your home cinema enjoyment.



**Dust Guard / Dust Guard pro**

BenQ projectors are designed with sealed laser modules and enclosed light engines to protect the DMD chip, colour wheel sensor, laser light source, and other optical components to prolong projector lifespan.



**DMS Local**

A Comprehensive Management Tool, DMS Local (Device Management Solution) is a software tool for computers that enables remote and centralized management of multiple digital projectors by IT administrators/technicians via a local network. DMS Local's management capabilities include the ability to remotely monitor, control, and configure projectors individually or as a group.



**PointWrite™**

Projecting images onto any flat surface, the PointWrite™ module allows multiple students to share, write, and annotate directly onto a desk or table at the same time. In addition to multi-user capability, two PointWrite™ projectors can be used to double the projection surface, and with QWrite Whiteboard Mode, teachers can run different applications or display, view, and annotate across two monitors.



**SmartEco**

By detecting the input content to determine the amount of brightness required for optimum colour and contrast performance, the SmartEco Mode is able to reduce lamp power while delivering the finest image quality.



**Signal Power on**

Sets whether to turn the projector directly on without pressing POWER or ON when the projector is in standby mode and the signal is fed through the VGA cable or through HDMI cable for selected models.



**Directly Power on**

Powers projector on automatically when the power cable is connected.



**Instant Wireless Casting**

Just bring your own smart phone, tablet, or laptop PC to instantly mirror what is shown on your device to the projection screen. This wireless solution eliminates cable clutter, facilitating immediate and convenient collaboration for improved teamwork and meeting productivity.

Best-in-Class  
16.67ms



**Fast Mode**

Based on expertise gained from experience with near-zero latency displays used in gaming, LU960UST employs Fast mode functions to provide latency as low as 16.67ms. LU960UST can serve the fast-moving dynamic or interactive scenes such as in immersive cycling simulation and amusement park theaters very well.



**BenQ Smart Control**

BenQ Smart Control is a remote controller app for your display device. It makes your mobile device a remote control, a mouse pad, a remote keyboard, and even a voice searching control.



	MS536 Business	MX536 Business	MW536 Business	MH536 Business
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	SVGA (800x600)	XGA (1024x768)	WXGA (1280x800)	Full HD (1920 x 1080)
<b>Brightness</b>	4,000 Lumens UHP	4,000 Lumens UHP	4,000 Lumens UHP	3,800 Lumens UHP
<b>Contrast ratio</b>	20,000:1	20,000:1	20,000:1	20,000:1
<b>Throw ratio</b>	1.94-2.32	1.94-2.32	1.55-1.86	1.49-1.76
<b>Zoom ratio</b>	1.2x	1.2x	1.2x	1.2x
<b>Lens shift</b>	-	-	-	-
<b>Noise level(Normal/Eco mode)</b>	32/29 dBA	32/29 dBA	32/29 dBA	32/29 dBA
<b>Light source life (hours)</b>	20,000 hours (Long ECO) 15,000 hours (LampSave) 10,000 hours (SmartEco) 7,000 hours (ECO) 5,500 hours (Normal)	20,000 hours (Long ECO) 15,000 hours (LampSave) 10,000 hours (SmartEco) 7,000 hours (ECO) 5,500 hours (Normal)	20,000 hours (Long ECO) 15,000 hours (LampSave) 10,000 hours (SmartEco) 7,000 hours (ECO) 5,500 hours (Normal)	20,000 hours (Long ECO) 15,000 hours (LampSave) 10,000 hours (SmartEco) 7,000 hours (ECO) 5,500 hours (Normal)
<b>Speaker</b>	2W x 1	2W x 1	2W x 1	2W x 1
<b>Resolution supported</b>	Up to WUXGA (1920 x 1200)	Up to WUXGA (1920 x 1200)	Up to WUXGA (1920 x 1200)	Up to WUXGA (1920 x 1200)
<b>Input connectivity</b>	2 x D-sub 15 (Sharing Component), USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)	2 x D-sub 15 (Sharing Component), USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)	2 x D-sub 15 (Sharing Component), USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)	2 x D-sub 15 (Sharing Component), USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)
	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video
<b>Output connectivity</b>	1 x D-Sub 15F (only VGA1)	1 x D-Sub 15F (only VGA1)	1 x D-Sub 15F (only VGA1)	1 x D-Sub 15F
<b>Audio input</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)
<b>Dimensions (WxHxD)</b>	332 x 99 x 241 mm	332 x 99 x 241 mm	332 x 99 x 241 mm	332 x 99 x 241 mm
<b>Weight</b>	2.6 Kg	2.6 Kg	2.6 Kg	2.6 Kg
<b>Power consumption (Normal)</b>	203W	203W	203W	203W
<b>Lamp part number</b>	5JJN605.001	5JJN605.001	5JJN605.001	5JJG705.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>
<b>Optional accessories</b>	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus



	MS560 Business	MX560 Business	MW560 Business	MH560 Business
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	SVGA (800x600)	XGA (1024x768)	WXGA (1280x800)	FULL HD (1920x1080)
<b>Brightness</b>	4000 Lumens	4000 Lumens	4,000 Lumens UHP	3,800 Lumens UHP
<b>Contrast ratio</b>	20000:1	20000:1	20,000:1	20,000:1
<b>Throw ratio</b>	1.96 - 2.15	1.96 - 2.15	1.55 - 1.7	1.49 - 1.64
<b>Zoom ratio</b>	1.1x	1.1x	1.1x	1.1x
<b>Lens shift</b>	-	-	-	-
<b>Noise level(Normal/Eco mode)</b>	34/29 dBA	34/29 dBA	32/29 dBA	32/29 dBA
<b>Light source life (hours)</b>	15000 hours (LampSave) 10000 hours (Economic) 10000 hours (SmartEco) 6000 hours (Normal)	15000 hours (LampSave) 10000 hours (Economic) 10000 hours (SmartEco) 6000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (Economic) 8,000 hours (SmartEco) 4,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (Economic) 10,000 hours (SmartEco) 5,000 hours (Normal)
<b>Speaker</b>	10W x 1	10W x 1	2W x 1	2W x 1
<b>Resolution supported</b>	Up to WUXGA(1920 x 1200)	Up to WUXGA(1920 x 1200)	Up to WUXGA (1920 x 1200)	Up to WUXGA (1920 x 1200)
<b>Input connectivity</b>	1 x D-sub 15 pin, USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance)	1 x D-sub 15 pin, USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance)	1 x D-sub 15 pin, USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)	1 x D-sub 15 pin, USB Type-A-2 (5V,1.5A), Mini USB Type B (maintenance+page front/back)
	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video	2 x HDMI 1.4, 1x RCA, 1 x S-Video
<b>Output connectivity</b>	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F
<b>Audio input</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)
<b>Dimensions (WxHxD)</b>	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm	296 x 120 x 221 mm
<b>Weight</b>	2.3 Kg	2.3 Kg	2.3 Kg	2.3 Kg
<b>Power consumption (Normal)</b>	260W	260W	270W	270W
<b>Lamp part number</b>	5JJND05.001	5JJND05.001	5JJH05.001	5JJH05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>
<b>Optional accessories</b>	InstaShow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, Presentation Plus	InstaShow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, Presentation Plus	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, Android TV dongle QS01, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus



	MU613	MS630ST	MX631ST	MW632ST	TH671ST	EH600
	Business	Short Throw	Short Throw	Short Throw	Short Throw	Smart
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	WXGA (1920 x 1200)	SVGA (800x600)	XGA (1024x768)	WXGA 1280x800	Full HD (1920 x 1080)	Full HD (1920 x 1080)
<b>Brightness</b>	4,000 Lumens UHP	3,200 Lumens UHP	3,200 Lumens UHP	3,200 Lumens UHP	3000 Lumens UHP	3500 Lumens UHP
<b>Contrast ratio</b>	10,000:1	13,000:1	13,000:1	13,000:1	10000:1	10000:1
<b>Throw ratio</b>	1.5-1.65	0.9-1.08	0.9 - 1.08	0.72-0.87	0.69-0.83	1.49-1.64
<b>Zoom ratio</b>	1.1x	1.2x	1.2x	1.2x	1.2x	1.1x
<b>Lens shift</b>	-	-	-	-	-	-
<b>Noise level(Normal/Eco mode)</b>	35/29 dBA	33/28 dBA	33/28 dBA	33/28 dBA	33/29 dBA	33/29 dBA
<b>Light source life (hours)</b>	15,000 hours (LampSave) 10,000 hours (Economic) 8,000 hours (SmartEco) 5,000 hours (Normal)	10,000 hours (LampSave) 6,500 hours (Economic) 6,000 hours (SmartEco) 4,500 hours (Normal)	10,000 hours (LampSave) 6,500 hours (Economic) 6,000 hours (SmartEco) 4,500 hours (Normal)	10,000 hours (LampSave) 6,500 hours (Economic) 6,000 hours (SmartEco) 4,500 hours (Normal)	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	15,000 hours (LampSave) 15,000 hours (SmartEco) 10,000 hours (Economic) 5,000 hours (Normal)
<b>Speaker</b>	2W x 1	10W x 1	10W x 1	10W x 1	5W x 1	2W x 1
<b>Resolution supported</b>	Up to UXGA (1600 x 1200)	Up to UXGA (1600 x 1200)	Up to UXGA (1600 x 1200)	Up to UXGA (1600 x 1200)	Up to WUXGA_RB(1920 x 1200)	Up to WUXGA_RB(1920 x 1200)
<b>Input connectivity</b>	1 x D-Sub 15, 1 x USB Type A (power supply 5V 1.5 A), Mini USB Type B (page front/back, maintenance)	1 x D-sub 15 (Sharing Component), 1x USB Type A (power supply 1.5 A), Mini USB Type B (maintenance+page front/back)	1 x D-sub 15 (Sharing Component), 1x USB Type A (power supply 1.5 A), Mini USB Type B (maintenance+page front/back)	1 x D-sub 15 (Sharing Component), 1x USB Type A (power supply 1.5 A), Mini USB Type B (maintenance+page front/back)	1 x D-sub 15 (Sharing Component), 1x USB Type A (2.0/Power supply 1.5 A), Mini USB Type B (maintenance + page front/back)	1 x D-sub 15 (Sharing Component), 3 x USB Type A (USB Type A-1 (2.0/Power Supply 1.0A/Reader); USB Type A-2 (2.0/Power Supply 1.5A/Reader); USB Type A-3 (2.0/Wireless Dongle)), 1 x Mini USB Type B (maintenance + page front/back)
<b>Output connectivity</b>	1xRCA, 1x S-Video, 2x HDMI (including 1 MHL)	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL	2x HDMI (1.4a) including 1 MHL	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL
<b>Audio input</b>	1 x mini jack 3.5	1 x mini jack 3.5, 1 x RCA (L/R)	1 x mini jack 3.5, 1 x RCA (L/R)	1 x mini jack 3.5, 1 x RCA (L/R)	1 x mini jack 3.5	1 x mini jack 3.5, 1 x RCA (L/R)
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)
<b>Dimensions (WxHxD)</b>	312 x 110 x 225 mm	287 x 114 x 233 mm	287 x 114 x 233 mm	287 x 114 x 233 mm	296 x 120 x 224 mm	296 x 120 x 232 mm
<b>Weight</b>	2.79 Kg	2.6 Kg	2.6 Kg	2.6 Kg	2.7 Kg	2.5 Kg
<b>Power consumption (Normal)</b>	297W	305W	305W	305W	320W	280W
<b>Lamp part number</b>	5JJH05.001	5JJ9V05.001	5JJ9V05.001	5JJ9V05.001	5JJGT05.001	5JJLV05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±30° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±30° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±30° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• ±40° Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;0.5W Low Standby Power Consumption</li> </ul>	<ul style="list-style-type: none"> <li>• Build-in Android system</li> <li>• Wireless projection</li> <li>• USB reader</li> <li>• User friendly launcher</li> </ul>
<b>Optional accessories</b>	Instashow, Carrying bag, Android TV dongle QS01, FULL HD Adapter, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5 reference, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5 reference, PSR01 Presentation Plus



	EW600	EW800ST	MH733	LX710	LU710	LH720	LU785
	Smart	Smart Short Throw	Corporate	Corporate	Corporate	Corporate	Corporate
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	WXGA 1280x800	WXGA 1280x800	Full HD (1920 x 1080)	XGA (1024x768)	WUXGA (1920x1200)	FULL HD (1920x1080)	WUXGA (1280x800)
<b>Brightness</b>	3600 Lumens UHP	3300 Lumens UHP	4,000 Lumens UHP	4000 Lumens Laser	4000 Lumens Laser	4,000 Lumens Laser	6,000 Lumens Laser
<b>Contrast ratio</b>	20000:1	20000:1	16,000:1	3000 000:1	3000 000:1	100,000:1	3,000,000:1
<b>Throw ratio</b>	1.55-1.7	0.49	1.15-1.5	1.51 - 1.97	1.13-1.46	1.38-2.13	1.15 - 1.9
<b>Zoom ratio</b>	1.1x	Fixed	1.3x	1.3x	1.3x	1.5x	1.65x
<b>Lens shift</b>	-	-	-	-	-	Vertical Manual	V:±10%/±2%; H:±2.5%
<b>Noise level(Normal/Eco mode)</b>	33/28 dBA	33/28 dBA	33/29 dBA	34/29 dBA	34/29 dBA	33/29 dBA	38/34 dBA
<b>Light source life (hours)</b>	15,000 hours (LampSave) 10,000 hours (Economic) 10,000 hours (SmartEco) 5,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 5,000 hours (Normal)	15,000 hours (LampSave) 8,000 hours (SmartEco) 8,000 hours (Economic) 4,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours
<b>Speaker</b>	2W x 1	2W x 1	10W x 1	10W x 2	10W x 2	10W x 1	5W x 2
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB(1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	1 x D-sub 15 (Sharing Component), 3 x USB Type A (USB Type A-1 (2.0/Power Supply 1.0A/Reader); USB Type A-2 (2.0/Power Supply 1.5A/Reader); USB Type A-3 (2.0/Wireless Dongle)), 1 x Mini USB Type B (maintenance + page front/back)	1 x D-sub 15 (Sharing Component), 3 x USB Type A (USB Type A-1 (2.0/Power Supply 1.0A/Reader); USB Type A-2 (2.0/Power Supply 1.5A/Reader); USB Type A-3 (2.0/Wireless Dongle)), 1 x Mini USB Type B (maintenance + page front/back)	1 x D-Sub 15 (sharing Component), 2 x USB Type A (1 x USB Reader, 1 x Dongle Wifi), Mini USB Type B (page front/back, maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 1.5 A), Mini USB Type B (page front/back, maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 1.5 A), Mini USB Type B (page front/back, maintenance)	2 x D-Sub 15, 1 x USB Type A (power supply 1.5 A), 1 x USB Type mini B (page front/back - maintenance)	2 x D-Sub 15, 1 x USB Type A (power supply 1.5 A), 1 x USB Type mini B (page front/back - maintenance)
<b>Output connectivity</b>	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL	1 x RCA, 1 x S-Video, 2x HDMI (1.4a) including 1 MHL	2x HDMI (including 1 MHL)	1 x RCA, 1 x S-Video, 2x HDMI 1.4 (1 x HDMI MHL)	1 x RCA, 1 x S-Video, 2x HDMI 1.4 (1 x HDMI MHL)	1 x RCA, 1 x S-Video, 2x HDMI 1.4 (1 x HDMI MHL)	1 x RCA, 1 x Composite-Video, 3x HDMI 1.4 (1 x HDMI MHL)
<b>Audio input</b>	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F
<b>Audio output</b>	1 x mini jack 3.5, 1 x RCA (L/R)	1 x mini jack 3.5, 1 x RCA (L/R)	1 x mini jack 3.5	1 x mini jack 3.5	2 x mini jack 3.5 (including 1 micro), 1 x RCA (L/R)	2 x mini jack 3.5 (including 1 micro), 1 x RCA (L/R)	2 x mini jack 3.5 (including 1 micro), 1 x RCA (L/R)
<b>Communication port</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Dimensions (WxHxD)</b>	296 x 120 x 232 mm	296x 120x 250 mm	296 x 120x 221 mm	416 x 166 x 312 mm	416 x 166 x 312 mm	410 x 158 x 272 mm	454 x 360 x 164 mm
<b>Weight</b>	2.5 Kg	2.6 Kg	2.5 Kg	6.3 Kg	6.3 Kg	5.6 Kg	10.7 Kg
<b>Power consumption</b>	280W	280W	320W	392W	392W	300W	500W
<b>Lamp part number</b>	5JJLT05.001	5JJLT05.001	5JJGT05.001	No lamp laser light source	No lamp laser light source	No lamp laser light source	No lamp laser light source
<b>Other features</b>	<ul style="list-style-type: none"> <li>• Build-in Android system</li> <li>• Wireless projection</li> <li>• USB reader</li> <li>• User friendly launcher</li> </ul>	<ul style="list-style-type: none"> <li>• Build-in Android system</li> <li>• Wireless projection</li> <li>• USB reader</li> <li>• User friendly launcher</li> </ul>	<ul style="list-style-type: none"> <li>• VGA Signal Power On</li> <li>• 2D Keystone and Corner fit</li> <li>• Split Screen</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• &lt;2W Network Standby Power</li> </ul>	<ul style="list-style-type: none"> <li>• Instant On/Off and Signal Power On</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• Easy Firmware Update via LAN</li> <li>• 20,000 Hour Long-Lasting Performance</li> </ul>	<ul style="list-style-type: none"> <li>• Instant On/Off and Signal Power On</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• Easy Firmware Update via LAN</li> <li>• 20,000 Hour Long-Lasting Performance</li> </ul>	<ul style="list-style-type: none"> <li>• Instant On/Off and Signal Power On</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• Easy Firmware Update via LAN</li> <li>• 20,000 Hour Long-Lasting Performance</li> </ul>	<ul style="list-style-type: none"> <li>• Instant On/Off and Signal Power On</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• Easy Firmware Update via LAN</li> <li>• 20,000 Hour Long-Lasting Performance</li> <li>• 96% Rec709 Accurate Colour</li> </ul>
<b>Optional accessories</b>	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5 reference, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, 3D Glasses DGD5 reference, PSR01 Presentation Plus	Instashow, Carrying bag 5JJ3T09.001, QCAST wireless Dongle, Dongle USB Wifi WDRT 8192, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus





	LX820ST	LW820ST	MX808STH	MW809STH	MX825STH
	Short Throw	Short Throw	Short Throw	Short Throw	Short Throw
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	XGA (1024x768)	WXGA (1280x800)	XGA (1024x768)	WXGA (1280x800)	XGA (1024x768)
<b>Brightness</b>	3600 Lumens Laser	3,600 Lumens Laser	3600 Lumens UHP	3600 Lumens UHP	3,500 Lumens UHP
<b>Contrast ratio</b>	3 000 000:1	3,000,000:1	20 000 : 1	20 000 : 1	20,000 : 1
<b>Throw ratio</b>	0.65 : 1	0.52 : 1	0.61 : 1	0.49 : 1	0.61 : 1
<b>Zoom ratio</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens shift</b>	-	-	-	-	-
<b>Noise level(Normal/Eco mode)</b>	33/29 dBA	33/29 dBA	34/29 dBA	33/29 dBA	33/29 dBA
<b>Light source life (hours)</b>	Laser 20 000 hours high brightness	Laser 20,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 6,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 6,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 6,000 hours (Normal)
<b>Speaker</b>	10W x 1	10W x 1	10W x 1	10W x 1	10W x 1
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	2 x D-sub 15, 1 x Mini USB Type B (Point Write + maintenance), 1 x USB Type A (5V/1.5A power supply), WIFI Ready	1 x D-sub 15, 1 x Mini USB Type B (Point Write + maintenance), 1 x USB Type A (5V/1.5A power supply), WIFI Ready	2 x D-Sub 15 (Sharing Component), 1 x USB Type A (5V/1.5A), Mini USB Type B (maintenance+ page front/back)	2 x D-Sub 15 (Sharing Component), 1 x USB Type A (5V/1.5A), Mini USB Type B (maintenance+ page front/back)	2 x D-Sub 15 (Sharing Component), 1 x USB Type A (5V/1.5A), Mini USB Type B (maintenance+ page front/back)
<b>Output connectivity</b>	1 x RCA, 1 x S-Video, 1 x HDMI-I, 1 x HDMI-2/MHL	1 x RCA, 1 x S-Video, 1 x HDMI 1.4 (1 x MHL)	2x HDMI	2x HDMI	1 x RCA, 1 x S-Video, 2x HDMI (including 1 MHL)
<b>Audio input</b>	1 x mini jack 3.5, 1x RCA (L/R)	1 x mini jack 3.5, 1x RCA (L/R)	2 x mini jack 3.5	2 x mini jack 3.5	2 x mini jack 3.5, 1x RCA (L/R)
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	LAN Control-LAN x 1, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	LAN Control x 1 Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	RS232 (DB-9pin)	RS232 (DB-9pin)	LAN Control x 1 Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)
<b>Dimensions (WxHxD)</b>	410 x 158 x 272 mm	410 x 158 x 272 mm	296 x 120 x 239 mm	296 x 120 x 239 mm	296 x 120 x 239 mm
<b>Weight</b>	5.6 Kg	5.6 Kg	2.6 Kg	2.6 Kg	2.6 Kg
<b>Power consumption (Normal)</b>	283W	283W	260W	260W	260W
<b>Lamp part number</b>	No lamp laser light source	No lamp laser light source	5JJGP05.001	5JJGP05.001	5JJGP05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>Instant On/Off and Signal Power On</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Updater via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Enabling Interactive Learning</li> </ul>	<ul style="list-style-type: none"> <li>Instant On/Off and Signal Power On</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Updater via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Enabling Interactive Learning</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>3D Ready</li> <li>&lt;2W Network Standby Power</li> <li>Enabling Interactive Learning</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>3D Ready</li> <li>&lt;2W Network Standby Power</li> <li>Enabling Interactive Learning</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>3D Ready</li> <li>&lt;2W Network Standby Power</li> <li>Enabling Interactive Learning</li> </ul>
<b>Optional accessories</b>	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW40U, PT12 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW40U, PT12 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, Bras mural (T/R 0,6), 3D Glasses DGD5, Interactive Kit PointWrite PW02, PT02 Touch Laser Curtain, PSR01 Presentation Plus	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, Bras mural (T/R 0,6), 3D Glasses DGD5, Interactive Kit PointWrite PW02, PT02 Touch Laser Curtain, PSR01 Presentation Plus	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, Bras mural (T/R 0,6), 3D Glasses DGD5, Interactive Kit PointWrite PW02, PT02 Touch Laser Curtain, PSR01 Presentation Plus



	MW826STH	MW85UST+	MH856UST+	LW890UST	LH890UST
	Short Throw	Ultra Short Throw	Ultra Short Throw	Ultra Short Throw	Ultra Short Throw
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	WXGA (1280x800)	WXGA (1280x800)	FULL HD (1920x1080)	WXGA (1280x800)	FULL HD (1920x1080)
<b>Brightness</b>	3,500 Lumens UHP	3,500 Lumens UHP	3,500 Lumens UHP	4,000 Lumens Laser	4,000 Lumens Laser
<b>Contrast ratio</b>	20,000 : 1	10,000:1	10,000:1	3,000,000:1	3,000,000:1
<b>Throw ratio</b>	0.49 : 1	0.35 : 1	0.33 : 1	0.24 : 1	0.23 : 1
<b>Zoom ratio</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens shift</b>	-	Vertical: ±2%	-	-	-
<b>Noise level(Normal/Eco mode)</b>	33/29 dBA	34/29 dBA	34/29 dBA	35/32 dBA	35/32 dBA
<b>Light source life (hours)</b>	15,000 hours (LampSave) 10,000 hours (SmartEco) 10,000 hours (Economic) 6,000 hours (Normal)	12,000 hours (LampSave) 10,000 hours (SmartEco) 8,000 hours (Economic) 5,000 hours (Normal)	12,000 hours (LampSave) 10,000 hours (SmartEco) 8,000 hours (Economic) 5,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)
<b>Speaker</b>	10W x 1	10W x 2	10W x 2	10W x 1	10W x 1
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	2 x D-Sub 15 (Sharing Component), 1 x USB Type A (5V/1.5A), Mini USB Type B (maintenance+ page front/back)	2 x D-Sub 15 (Sharing Component), 1x USB Type B (maintenance), 1 x Mini USB Type B (Point Write + page front/back), 1 x USB Type A (5V/1.5A power supply)	2 x D-Sub 15 (Sharing Component), 1x USB Type B (maintenance), 1 x Mini USB Type B (Point Write + page front/back), 1 x USB Type A (5V/2A power supply)	1 x D-sub 15, 2 x Mini USB Type B (Point Write + maintenance), 1 x USB Type A (5V/1.5A power supply), WIFI Ready	1 x D-sub 15, 2 x Mini USB Type B (Point Write + maintenance), 1 x USB Type A (5V/1.5A power supply), WIFI Ready
<b>Output connectivity</b>	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F
<b>Audio input</b>	2 x mini jack 3.5, 1x RCA (L/R)	1 x mini jack 3.5, 1x RCA (L/R)	1 x mini jack 3.5, 1x RCA (L/R)	1 x mini jack 3.5, 1x RCA (L/R)	1 x mini jack 3.5, 1x RCA (L/R)
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	LAN Control x 1 Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	LAN Control x 1 (Sharing component) Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	LAN Control x 1 (Sharing component) Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	LAN Control x 1 (Sharing component) Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)	LAN Control x 1 (Sharing component) Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin)
<b>Dimensions (WxHxD)</b>	296 x 120 x 239 mm	287.5 x 206.9 x 373.3 mm (with mirror) / 287.5 x 130.2x 373.3 mm (without mirror)	287.5 x 206.9 x 373.3 mm (with mirror) / 287.5 x 130.2x 373.3 mm (without mirror)	400 x 164 x 502 mm	400 x 164 x 502 mm
<b>Weight</b>	2.6 Kg	5 kg	5 kg	9.06 kg	9.06 kg
<b>Power consumption (Normal)</b>	260W	320W	320W	358W	358W
<b>Lamp part number</b>	5JJGP05.001	5JJCS05.001	5JJDT05.001	No lamp laser light source	No lamp laser light source
<b>Other features</b>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>3D Ready</li> <li>&lt;2W Network Standby Power</li> <li>Enabling Interactive Learning</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>2D Keystone and Corner fit</li> <li>Optional Driver Free Interactive</li> <li>Supplied wall mount</li> <li>&lt;2W Network Standby Power</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>SmartEco Technology</li> <li>2D Keystone and Corner fit</li> <li>Optional Driver Free Interactive</li> <li>Supplied wall mount</li> <li>&lt;2W Network Standby Power</li> </ul>	<ul style="list-style-type: none"> <li>Instant On/Off and Signal Power On</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Update via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Optional Driver Free Interactive</li> </ul>	<ul style="list-style-type: none"> <li>Instant On/Off and Signal Power On</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Update via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Optional Driver Free Interactive</li> </ul>
<b>Optional accessories</b>	InstaShow, QCAST wireless Dongle, FULL HD Adapter, Carrying bag, Bras mural (T/R 0,6), 3D Glasses DGD5, Interactive Kit PointWrite PW02, PT02 Touch Laser Curtain, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW30U, PT20 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	Instashow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW30U, PT20 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	Instashow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW40U, PT12 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	Instashow, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW40U, PT12 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5



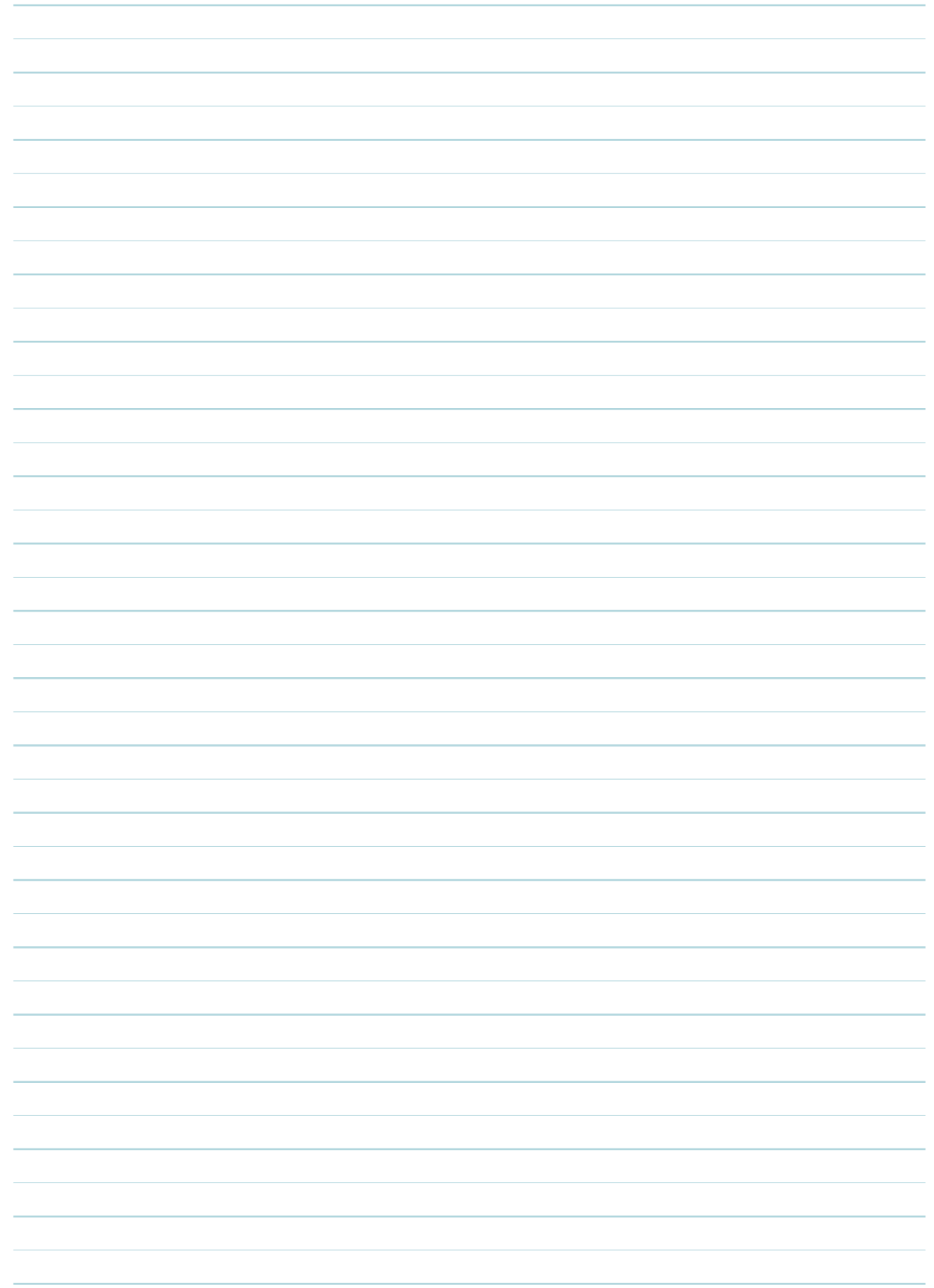
	LU930	LU950	LU951	LU951ST
	Installation	Installation	Installation	Installation
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	WUXGA (1920x1200)	WUXGA (1920x1200)	WUXGA (1920x1200)	WUXGA (1920x1200)
<b>Brightness</b>	5000 Lumens Laser	5,000 Lumens Laser	5,200 Lumens Laser	5,000 Lumens Laser
<b>Contrast ratio</b>	3 000 000:1	3,000,000:1	3,000,000:1	3,000,000:1
<b>Throw ratio</b>	1.36-2.18	1.36-2.18	1.36-2.18	0.81-0.88
<b>Zoom ratio</b>	1.6x	1.6x	1.6x	1.1x
<b>Lens shift</b>	Horizontal/Vertical Manual	Horizontal/Vertical Manual	Horizontal/Vertical Manual	Horizontal/Vertical Manual
<b>Noise level(Normal/Eco mode)</b>	37/30 dBA	37/35 dBA	37/35 dBA	37/35 dBA
<b>Light source life (hours)</b>	Laser 20 000 hours(Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)
<b>Speaker</b>	10W x 2	10W x 1	10W x 1	10W x 1
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	1 x D-Sub 15, 1 x USB Type A (power supply 1.5A)	1 x D-Sub 15, 1 x USB Type A (power supply 2.0 A), 1 x HD Base T, 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 2.0 A), 1 x HD Base T, 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 2.0 A), 1 x HD Base T, 1 x USB Type B (maintenance)
	1 x RCA, 2x HDMI 1.4	1 x RCA, 1 x S-Video, 3x HDMI 1.4	1 x RCA, 1 x S-Video, 3x HDMI 1.4	1 x RCA, 1 x S-Video, 3x HDMI 1.4
<b>Output connectivity</b>	1 x D-Sub 15F	1 x D-Sub 15F / 1 x HDMI (compatible HDMI 3)	1 x D-Sub 15F / 1 x HDMI (compatible HDMI 3)	1 x D-Sub 15F / 1 x HDMI (compatible HDMI 3)
<b>Audio input</b>	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	LAN Control x 1 (Sharing component), Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	LAN Control x 1, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	LAN Control x 1, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	LAN Control x 1, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)
<b>Dimensions (WxHxD)</b>	416 x 155 x 351 mm	490 x 159 x 380 mm	490 x 159 x 380 mm	490 x 159 x 380 mm
<b>Weight</b>	6.3 Kg	9.4 Kg	9.4 Kg	9.4 Kg
<b>Power consumption (Normal)</b>	415W	475W	475W	475W
<b>Lamp part number</b>	No lamp laser light source	No lamp laser light source	No lamp laser light source	No lamp laser light source
<b>Other features</b>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Digital Shrink</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Update via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>LumiExpert for Ambient Light Sensor</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Digital Shrink</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Digital Shrink</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Digital Shrink</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> <li>16.67ms low latency in Fast Mode</li> </ul>
<b>Optional accessories</b>	InstaShow, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	Instashow, Dongle WIFI, QCAST wireless Dongle, FULL HD Adapter, Interactive Kit PW21U, PT12 Touch Laser Curtain, PSR01 Presentation Plus, 3D Glasses DGD5	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus



	LK952	LK953ST	LU960 UST	LK990
	Installation	Installation	Installation	Installation
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	4K (3 840 x 2160)	4K (3 840 x 2160)	WUXGA (1920x1200)	4K (3 840 x 2160)
<b>Brightness</b>	5,000 Lumens Laser	5,000 Lumens Laser	5,200 Lumens Laser	6,000 Lumens Laser
<b>Contrast ratio</b>	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1
<b>Throw ratio</b>	1.36-2.18	0.81-0.88	0.25	1.38-2.02
<b>Zoom ratio</b>	1.6x	1.1x	-	1.47x
<b>Lens shift</b>	Horizontal/Vertical Manual	Horizontal/Vertical Manual	Vertical ± 5%	Manual Vertical: ± 60% / Horizontal: ± 25%
<b>Noise level(Normal/Eco mode)</b>	40/38 dBA	40/38 dBA	37/35 dBA	37/34 dBA
<b>Light source life (hours)</b>	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20 000 hours(Normal)	Laser 20,000 hours (Normal)
<b>Speaker</b>	10W x 1	10W x 1	10W x 1	-
<b>Resolution supported</b>	Up to 4K UHD (3840 x 2160)	Up to 4K UHD (3840 x 2160)	Up to 4K UHD (3840 x 2160)	Up to 4K UHD (3840 x 2160)
<b>Input connectivity</b>	1 x D-Sub 15, 1 x USB Type A (power supply 2.0 A), 1 x HD Base T, 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 2.0 A), 1 x HD Base T, 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 x USB Type A (power supply 1.5 A), 1 x HD Base T, 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 x HD Base T, 1 x USB Type A (power supply 2A), 1 x USB Type Mini B (maintenance)
	1 x RCA, 1 x S-Video, 3 x HDMI (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2&3: HDMI 1.4a & HDCP 1.4)	1 x RCA, 1 x S-Video, 3 x HDMI (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2&3: HDMI 1.4a & HDCP 1.4)	1 x RCA, 1 x S-Video, 3xHDMI (HDMI 1&2: HDMI 2.0 & HDCP 2.2; HDMI 3: HDMI 1.4a & HDCP 1.4) Display port 1.2 x 1	3 x HDMI (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2&3: HDMI 1.4a & HDCP 1.4)
<b>Output connectivity</b>	1 x D-Sub 15F / 1 x HDMI (compatible HDMI 3)	1 x D-Sub 15F / 1 x HDMI (compatible HDMI 3)	1 x D-Sub 15F / 1 x HDMI 2.0	1 x D-Sub 15F / 1 x HDMI 2.0
<b>Audio input</b>	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	1 x mini jack 3.5 (1 micro), 1 x RCA (L/R)	-
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	LAN Control x 1, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	LAN Control x 1, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	HD BaseT, Extron Device, Crestron eControl and Crestron RoomView, AMX Device Discovery - RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5), 3D Sync In/Out	LAN Control x 1, Crestron e-control System, 1 x RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5) - 1 x Wired remote control connection In/Out
<b>Dimensions (WxHxD)</b>	490 x 159 x 380 mm	490 x 159 x 380 mm	480 x 157.4 x 473 mm	471 x 225 x 565 mm
<b>Weight</b>	10.1 Kg	10.1 Kg	12 Kg	20.2 Kg
<b>Power consumption (Normal)</b>	520W	520W	450W	655W
<b>Lamp part number</b>	No lamp laser light source	No lamp laser light source	No lamp laser light source	No lamp laser light source
<b>Other features</b>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Extremely realistic video quality with HDR 10 technology</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Extremely realistic video quality with HDR 10 technology</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Digital Shrink</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP5X Seal Engine</li> <li>Easy Firmware Update via LAN</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Native Resolution Switch and Digital Lens Shift</li> <li>16.67ms low latency in Fast Mode</li> </ul>	<ul style="list-style-type: none"> <li>HDMI Signal Power On</li> <li>Extremely realistic video quality with HDR 10 technology</li> <li>360 ° projection and 24/7</li> <li>2D Keystone and Corner fit</li> <li>DustGuard IP6X Seal Engine</li> <li>20,000 Hour Long-Lasting Performance</li> <li>Digital HDMI Output for Stacked and Multi-Screen Projection</li> </ul>
<b>Optional accessories</b>	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, 3D Glasses DGD5, FULL HD Adapter, PSR01 Presentation Plus	InstaShow, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus	Instashow, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus



	LU9245	LU9245W	LU9255
	Optional Lens	Optional Lens	Optional Lens
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	WUXGA (1920x1200)	WUXGA (1920x1200)	WUXGA (1920x1200)
<b>Brightness</b>	7,000 Lumens Laser	7,000 Lumens Laser	8500 Lumens Laser
<b>Contrast ratio</b>	3,000,000:1	3,000,000:1	3 000 000:1
<b>Throw ratio</b>	Optional lens	Optional lens	Optional lens
<b>Zoom ratio</b>	Optional lens	Optional lens	Optional lens
<b>Lens shift</b>	Horizontal/Vertical Manual	Horizontal/Vertical Manual	Horizontal/Vertical Manual
<b>Noise level(Normal/Eco mode)</b>	36/34 dBA (eco)	36/34 dBA (eco)	36/34 dBA (eco)
<b>Light source life (hours)</b>	Laser 20,000 hours (Normal)	Laser 20,000 hours (Normal)	Laser 20 000 hours(Normal)
<b>Speaker</b>	10W x 2	10W x 2	10W x 2
<b>Resolution supported</b>	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)	Up to WUXGA_RB (1920 x 1200)
<b>Input connectivity</b>	1 x D-Sub 15, 1 DVI-D (HDCP), 1 x RGBHV (compatible YUV), 1 x HD Base T seperated from LAN, 1 x USB Type A (power supply WIDI Compliant), 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 DVI-D (HDCP), 1 x RGBHV (compatible YUV), 1 x HD Base T seperated from LAN, 1 x USB Type A (power supply WIDI Compliant), 1 x USB Type B (maintenance)	1 x D-Sub 15, 1 DVI-D (HDCP), 1 x RGBHV (compatible YUV), 1 x HD Base T seperated from LAN, 1 x USB Type A (power supply WIDI Compliant), 1 x USB Type B (maintenance)
	2 x HDMI 2.0 & HDCP 2.2, 1 x composite (RCA)	2 x HDMI 2.0 & HDCP 2.2, 1 x composite (RCA)	2 x HDMI 1.4 (including 1 MHL), 1 x composite (RCA)
<b>Output connectivity</b>	1 x D-Sub 15F	1 x D-Sub 15F	1 x D-Sub 15F
<b>Audio input</b>	1 x mini jack 3.5, 2x RCA (L/R)	1 x mini jack 3.5, 2x RCA (L/R)	1 x mini jack 3.5, 2x RCA (L/R)
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	LAN Control x 1 not share with HD Base T, Crestron e-control-Room View, PJ Link - 2 x RS232 (DB-9pin) In/Out - Trigger 12V (Mini Jack 3.5) - 1 x wired remote control In/Out, 3D Sync In/Out	LAN Control x 1 not share with HD Base T, Crestron e-control-Room View, PJ Link - 2 x RS232 (DB-9pin) In/Out - Trigger 12V (Mini Jack 3.5) - 1 x wired remote control In/Out, 3D Sync In/Out	LAN Control x 1 not share with HD Base T, Crestron e-control-Room View, PJ Link - 2 x RS232 (DB-9pin) In/Out - Trigger 12V (Mini Jack 3.5) - 2 x wired remote control In/Out, 3D Sync In/Out
<b>Dimensions (WxHxD)</b>	525 x 216 x 470 mm	525 x 216 x 470 mm	525 x 216 x 470 mm
<b>Weight</b>	24 Kg	24 Kg	24 Kg
<b>Power consumption (Normal)</b>	600W	600W	1000W
<b>Lamp part number</b>	No lamp laser light source	No lamp laser light source	No lamp laser light source
<b>Other features</b>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• 4K Compatible</li> <li>• 360 ° projection and 24/7</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• 20,000 Hour Long-Lasting Performance</li> <li>• Dynamic Dimming</li> <li>• FW Upgrade via LAN</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• 4K Compatible</li> <li>• 360 ° projection and 24/7</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• 20,000 Hour Long-Lasting Performance</li> <li>• Dynamic Dimming</li> <li>• FW Upgrade via LAN</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI Signal Power On</li> <li>• 4K Compatible</li> <li>• 360 ° projection and 24/7</li> <li>• 2D Keystone and Corner fit</li> <li>• DustGuard IPSX Seal Engine</li> <li>• 20,000 Hour Long-Lasting Performance</li> <li>• Dynamic Dimming &amp; Constant Brightness</li> <li>• 16.67ms low latency in Fast Mode</li> <li>• Native Resolution Switch</li> <li>• FW upgrade by LAN</li> </ul>
<b>Optional accessories</b>	InstaShow, 7 Manual lamps, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus, Also in white colour model	InstaShow, 7 Manual lamps, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5, PSR01 Presentation Plus, Also in white colour model	InstaShow, 7 Manual lenses, QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5 5JJ9H25.001, PSR01 Presentation Plus







	X1300i	TK7005Ti	TK800M	TK810	TK850
	Home Cinema	Home Cinema	Home Cinema	Home Cinema	Home Cinema
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	FULL HD (1920 x 1080)	4K (3840 x 2160)	4K2K (3840 x 2160)	4K2K (3840 x 2160)	4K2K (3840 x 2160)
<b>Brightness</b>	3000 Lumens UHP	3000 Lumens UHP	3000 Lumens UHP	3,200 Lumens UHP	3,000 Lumens UHP
<b>Contrast ratio</b>	50000:1	10000:1	10000:1	10,000:1	30,000:1
<b>Throw ratio</b>	1.3-1.56	0.9-1.08	1.50-1.65	1.48-1.62	1.13 - 1.47
<b>Zoom ratio</b>	1.2x	1.2x	1.1x	1.1x	1.3x
<b>Lens shift</b>	-	-	Manual Vertical	Manual Vertical	Manual Vertical
<b>Noise level(Normal/Eco mode)</b>	31/27 dBA	34/28 dBA	33/29 dBA	32/30 dBA	30/28 dBA
<b>Light source life (hours)</b>	30,000 hours (Economic) 20,000 hours (SmartEco) 20,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (Economic) 8,000 hours (SmartEco) 4,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (Economic) 8,000 hours (SmartEco) 4,000 hours (Normal)	15,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	15,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)
<b>Speaker</b>	Trevolo Speaker 5W x 2	Trevolo Speaker 5W x 1	5W x 1	5W x 1	Trevolo Speaker 5W x 1
<b>Resolution supported</b>	Up to 4K (3840x2160)	Up to 4K (3840x2160)	Up to 4K2K (3840x2160)	Up to 4K2K (3840x2160)	Up to 4K2K (3840x2160)
<b>Input connectivity</b>	1 x USB Type A (5V /2.5A Power, Service), 1 x micro USB cable (5V/1.5A power)	1 x USB Type A (2.0 /1.5A Power, Service), 1 x micro USB cable (5V/1.5A power)	1 x D-Sub 15, 1 x USB Type A (5V/1.5A), 1 x USB Type mini B (Service)	2 x USB Type A 3.0 (5V/2.5A power, Media Reader, FW Download), 1 x USB mini B (FW Download, Service)	2 x USB Type A 3.0 (5V/2.5A power, Media Reader, FW Download), 1 x USB mini B (FW Download, Service)
	3 x HDMI (HDMI 2.0 & HDCP 2.2)	3 x HDMI (HDMI 2.0 & HDCP 2.2)	2 x HDMI (HDMI 1 : HDMI 2.0 & HDCP 2.2/HDMI2 : HDMI 1.4 & HDCP 1.4)	2 x HDMI (HDMI 2.0 & HDCP 2.2)	2 x HDMI (HDMI 2.0 & HDCP 2.2)
<b>Audio input</b>	-	-	1 x mini jack 3.5	-	-
<b>Audio output</b>	1 x mini jack 3.5, 1 x S/PDIF	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5
<b>Communication port</b>	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)
<b>Dimensions (WxHxD)</b>	272 x 197 x 259 mm	312 x 110 x 246 mm	353 x 135 x 272 mm	380 x 127 x 263 mm	380 x 127 x 263 mm
<b>Weight</b>	6.4 Kg	3.1 Kg	4.2 Kg	4.2 Kg	4.2 Kg
<b>Power consumption (Normal)</b>	330W	310W	330W	340W	340W
<b>Lamp part number</b>	-	-	5JJHN05.001	5JJKC05.001	5JJKC05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• 98% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• 2D keystone</li> <li>• SmartEco Technology</li> <li>• GameMaestro</li> <li>• Android TV</li> <li>• 3D Ready</li> <li>• Low input lag</li> </ul>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• 2D keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+2</li> <li>• Android TV</li> <li>• 3D Ready</li> <li>• Low input lag</li> </ul>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+2</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+</li> <li>• Smart Control</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• 98% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+</li> <li>• Smart Control</li> <li>• 3D Ready</li> </ul>
<b>Optional accessories</b>	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5

	TK850i	W1720	W1800i	W2700	W2700i
	Home Cinema	Home Cinema	Home Cinema	Home Cinema	Home Cinema
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	4K (3840 x 2160)	4K2K (3840 x 2160)	4K (3840 x 2160)	4K2K (3840 x 2160)	4K (3840 x 2160)
<b>Brightness</b>	3000 Lumens	2,000 Lumens UHP	2000 Lumens	2,000 Lumens UHP	2000 Lumens
<b>Contrast ratio</b>	30000:1	10,000:1	10000:1	30,000:1	30000:1
<b>Throw ratio</b>	1.13-1.47	1.50-1.65	1.13-1.46	1.13 - 1.47	1.13 - 1.47
<b>Zoom ratio</b>	1.3x	1.1x	1.3x	1.3x	1.3x
<b>Lens shift</b>	Vertical +10%	Manual Vertical	-	Manual Vertical	Vertical +10%
<b>Noise level(Normal/Eco mode)</b>	30/28 dBA	33/29 dBA	35/29 dBA	30/28 dBA	30/28 dBA
<b>Light source life (hours)</b>	15,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	15,000 hours (LampSave) 10,000 hours (Economic) 8,000 hours (SmartEco) 4,000 hours (Normal)	"15000hrs(LampSave) 10000hrs(Economic) 8000hrs(SmartEco) 4000hrs(Normal)"	15,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	15,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)
<b>Speaker</b>	5W x 2	5W x 1	5W x 1	5W x 2	5W x 2
<b>Resolution supported</b>	Up to 4K (3840x2160)	Up to 4K2K_RB (3840 x 2160)	Up to 4K 2K (3840x2160)	Up to 4K2K_RB (3840 x 2160)	Up to 4K 2K_RB (3840x2160)
<b>Input connectivity</b>	1 x D-Sub 15, 1 x USB Type A (5V/2.5A), 1 x USB Type A (Media reader, FW download), 1 x USB Type mini B (FW Download, Service)	1 x D-Sub 15, 1 x USB Type A (5V/1.5A), USB Type mini B	1 x D-Sub 15, 1 x USB Type A (1.5A Power), 1 x micro USB cable (5V/1.5A power)	1 x USB Type A (5V/2.5A), 1 x USB Type A multimedia, 1 x USB Type mini B	1 x USB Type A (5V/2.5A), 1 x USB Type A multimedia, 1 x USB Type mini B (FW download, service)
	2 x HDMI (HDMI 2.0b, HDCP 2.2)	2 x HDMI	3 x HDMI (HDMI 2.0b & HDCP 2.2)	2 x HDMI	2 x HDMI (2.0 /HDCP2.2)
<b>Audio input</b>	-	1 x mini jack 3.5	1 x mini jack 3.5	-	-
<b>Audio output</b>	1 x mini jack 3.5	1 x mini jack 3.5	1 x mini jack 3.5	Optical + mini jack 3.5	1 x mini jack 3.5, 1 x S/PDIF
<b>Communication port</b>	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)
<b>Dimensions (WxHxD)</b>	380 x 127 x 263 mm	353 x 135 x 272 mm	312 x 110 x 246 mm	380 x 127 x 263 mm	380 x 127 x 263 mm
<b>Weight</b>	4.2 Kg	4.2 Kg	3.1 Kg	4.2 Kg	4.2 Kg
<b>Power consumption (Normal)</b>	340W	330W	310W	340W	340W
<b>Lamp part number</b>	5JJKC05.001	5JJHN05.001	5JJHN05.001	5JJKC05.001	5JJKC05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+2</li> <li>• Android TV</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• CinemaMaster Audio+</li> <li>• Smart Control</li> <li>• 3D Ready</li> <li>• Color calibration report</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Auto Vertical Keystone</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Super-Wide DCI-P3 Colour</li> <li>• MEMC Motion compensation</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• Color calibration report</li> <li>• 95% RGBRGB DCIP3</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Super-Wide DCI-P3 Colour</li> <li>• MEMC Motion compensation</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> </ul>
<b>Optional accessories</b>	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5



	W5700	W5700S	V6000	V6050	W11000H
	Home Cinema	Home Cinema	Home Cinema	Home Cinema	Home Cinema
<b>Technology</b>	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3	DLP Dark Chip 3
<b>Resolution</b>	4K2K (3840 x 2160)	4K2K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K2K (3840 x 2160)
<b>Brightness</b>	1,800 Lumens UHP	1,800 Lumens UHP	3,000 Lumens UHP	3,000 Lumens UHP	2,200 Lumens UHP
<b>Contrast ratio</b>	100,000:1	100,000:1	3,000,000:1	3,000,000:1	50,000:1
<b>Throw ratio</b>	1.36-2.18	1.36-2.18	0.252	0.252	1.36-2.03
<b>Zoom ratio</b>	1.6x	1.6x	-	-	1.5x
<b>Lens shift</b>	Manual Vertical: ± 60% / Horizontal: ± 23%	Manual Vertical: ± 60% / Horizontal: ± 23%	-	-	Manual Vertical: ± 65% / Horizontal: ± 27%
<b>Noise level(Normal/Eco mode)</b>	32/26 dBA	32/26 dBA	34/29 dBA	34/29 dBA	26/23 dBA
<b>Light source life (hours)</b>	8,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	8,000 hours (SmartEco) 10,000 hours (Economic) 4,000 hours (Normal)	20,000 hours	20,000 hours	6,000 hours (SmartEco) 4,000 hours (Economic) 3,000 hours (Normal)
<b>Speaker</b>	-	-	Trevolo Speaker 5W x 2	Trevolo Speaker 5W x 2	-
<b>Resolution supported</b>	Up to 4K2K_RB (3840 x 2160)	Up to 4K2K_RB (3840 x 2160)	Up to 4K (3840x2160)	Up to 4K (3840x2160)	Up to 4K2K_RB (3840 x 2160)
<b>Input connectivity</b>	1 x USB Type A (5V/2.5A), 2 x USB Type A multimedia, 1 x USB Type mini B, 1 x LAN  2 x HDMI	1 x USB Type A (5V/2.5A), 2 x USB Type A multimedia, 1 x USB Type mini B, 1 x LAN  2 x HDMI HDCP 2.2	2 x USB Type A, 1 x USB Type 3.0,  2 x HDMI (1xHDMI 2.0 & HDCP 2.2/1xHDMI with ARC 2.0)	2 x USB Type A, 1 x USB Type 3.0,  2 x HDMI (1xHDMI 2.0 & HDCP 2.2/1xHDMI with ARC 2.0)	1 x D-Sub 15, 1 X Mini USB Type B  2 x HDMI (HDMI1 : HDMI 2.0 & HDCP 2.2/HDMI2 : HDMI 1.4 & HDCP 1.4)
<b>Audio input</b>	-	-	-	-	-
<b>Audio output</b>	Optical + mini jack 3.5	Optical + mini jack 3.5	1 x S/PDIF	1 x S/PDIF	-
<b>Communication port</b>	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	RS232 (DB-9pin) - Trigger 12V (Mini Jack 3.5)	LAN RJ45 Crestron/AMX/PJLINK - RS232 (DB-9pin) - 2 x Trigger 12V (Mini Jack 3.5)
<b>Dimensions (WxHxD)</b>	492 x 168 x 349 mm	492 x 168 x 349 mm	500 x 388 x 157 mm	500 x 388 x 157 mm	471 x 225 x 565 mm
<b>Weight</b>	6.5 Kg	6.5 Kg	10 kg	10 kg	14.8 Kg
<b>Power consumption (Normal)</b>	330W	330W	375W	375W	384W
<b>Lamp part number</b>	5JJ4G05.001	5JJ4G05.001	-	-	5JJFY05.001
<b>Other features</b>	<ul style="list-style-type: none"> <li>• 100% RGBRGB DCIP3</li> <li>• HDR10 and HLG support</li> <li>• Super-Wide DCI-P3 Colour</li> <li>• MEMC Motion compensation</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• Color calibration report</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• Super-Wide DCI-P3 Colour</li> <li>• MEMC Motion compensation</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> <li>• Color calibration report</li> </ul>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• Motion Enhancer 4K</li> <li>• Pixel Enhancer 4K</li> <li>• Eye Protection Sensor</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• HDR10 and HLG support</li> <li>• Motion Enhancer 4K</li> <li>• Pixel Enhancer 4K</li> <li>• Eye Protection Sensor</li> <li>• 3D Ready</li> </ul>	<ul style="list-style-type: none"> <li>• 100% RGBRGB Rec709</li> <li>• HDR10 and HLG support</li> <li>• SmartEco Technology</li> <li>• 3D Ready</li> </ul>
<b>Optional accessories</b>	QCAST wireless Dongle, FULL HD Receiver Transmitter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter, 3D Glasses DGD5	QCAST wireless Dongle, FULL HD Adapter



**No Software Setup or Maintenance**

InstaShow™ doesn't need any software installation or execution. There's no setup, configuration, or waiting for pop-ups to launch. Just plug into your PC or Mac and start presenting immediately.



**Plug-And-Play Simplicity**

Simply connect InstaShow™ into your USB and HDMI ports then push the button to start presenting immediately. Simply connect InstaShow™ into your USB and HDMI ports then push the button to start presenting immediately without hassle, without losing time. Up to 32 presenters can take part by using the InstaShow™ Button Kit.



**Trustworthy Security Protection**

AES 128-bit security encryption and the WPA2 authentication protocol guarantee that presentations are absolutely secure. The security handshake also assures smooth, high-quality wireless streaming of presentations. InstaShow™ also supports HDCP to ensure content with digital rights management will play smoothly without delay, error messages, or interruption.



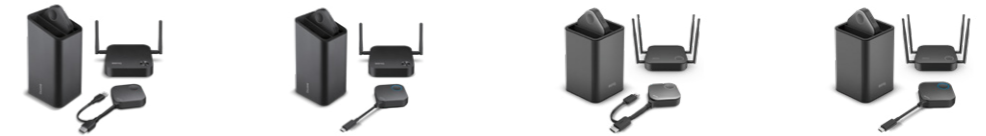
**Smooth Video and Audio Quality**

Via HDMI or USB type C, InstaShow™ supports up to 60Hz full HD 1080p video and stereo sound without cable clutter or complicated driver selection.



**InstaShare App**

InstaShow™ supports Android and iOS devices, making it easier than ever to share from your mobile phone or tablet. With the InstaShare app, you can stream content from your smart device to a large display without limitations. Just connect to InstaShow™'s Wi-Fi Receiver and you're ready to start presenting.



Series	Wireless Presentation Solution			
Model name	InstaShow WDC10	InstaShow WDC10C	InstaShow WDC20	InstaShow WDC20C
Support platform	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Windows, MAC, Chrome. Any OS supports USB Type-C DisplayPort Alt Mode	Windows, MAC, Chrome. Any OS supports HDMI standard 1.4	Windows, MAC, Chrome. Any OS supports USB Type-C DisplayPort Alt Mode
Frame rate	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)	Up to 60 fps depending on environment (FHD)
Output resolution	800 x 600, 1280x720 (720P), 1024x768 (XGA), 1280x768, 1280x800(VXGA), 1280x1024, 1280x960, 1360x768, 1440x900, 1400x1050, 1680x1050, 1920x1080(1080p)	800 x 600, 1280x720 (720P), 1024x768 (XGA), 1280x768, 1280x800(VXGA), 1280x1024, 1280x960, 1360x768, 1440x900, 1400x1050, 1680x1050, 1920x1080(1080p)	720x480, 720x576, 1280x720, 1920x1080 (1080p), up to 3840x2160(30Hz)	720x480, 720x576, 1280x720, 1920x1080 (1080p), up to 3840x2160(30Hz)
Input resolution	Up to 1920x1080	Up to 1920x1080	Up to 1920x1080	Up to 1920x1080
Simultaneous connections	16 pcs	16 pcs	32 pcs	32 pcs
Sources simultaneous on screen	1 user	1 user	4 users	4 users
Audio	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz	Stereo, Radio quality 16bits 48KHz
Wireless	IEEE 802.11ac, 5GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R / IEEE 802.11n, 2.4GHz, 2T2R	IEEE 802.11ac, 5GHz, 2T2R / IEEE 802.11n, 2.4GHz, 2T2R
Data rate wireless	Up to 867Mbps	Up to 867Mbps	Up to 867 + 300Mbps	Up to 867 + 300Mbps
Authentication protocol	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
Security (encryption)	AES 128 bit	AES 128 bit	WPA2 Personal (AES 128 bit)	WPA2 Personal (AES 128 bit)
Reach	Max. 8m between InstaShow Button and InstaShow Host	Max. 8m between InstaShow Button and InstaShow Host	Max. 15m between InstaShow Button and InstaShow Host	Max. 15m between InstaShow Button and InstaShow Host
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Dimension	Button: 84.5x188.3x19.9mm Host: 110x110x27mm (99mm with antenna) Cradle: 85*97.5*170.4 mm	Button: 84.5x188.3x19.9mm Host: 110x110x27mm (99mm with antenna) Cradle: 85*97.5*170.4 mm	Button: 67x67x24.2mm (without wire) Host: 154x34x140mm (without Antenna) 200x150x140mm (with Antenna) Cradle: 100.4*92.6*152mm	Button: 67x67x24.2mm (without wire) Host: 154x34x140mm (without Antenna) 200x150x140mm (with Antenna) Cradle: 100.4*92.6*152mm



InstaShow™ security certificate

[Download the InstaShow™ security white paper](#)

Projector



Dongle WiFi		QCast Mirror HDMI Wireless Dongle QP20	USB Wireless Dongle WDR18192
Compatible projector		Projector with 1 x HDMI + USB type A (5V/1.5A)	MH733 / MW732
Specification of dongle	Connectivity	HDMI	USB TypeA
	Transfer / data rate wireless	5G: 433Mbps	2.4G: 300Mbps
	WiFi standard	2.4G/5G IEEE 802.11 b/g/n	2.4G IEEE 802.11 b/g/n
	Software	No software	QCast Application
Features		Functions WIFI with dongle	
Wireless display	PC display	Yes (with Doc, Pic, Video Image, Audio)	Yes (with Doc, Pic, Video Image, Audio)
	Mobile display	Yes (Document, Image, Video, without Audio)	Yes (Document, Image)
	DLNA function	Yes	Non
	WiFi direct ( MiraCast)	Yes (without Application)	Yes (via Application, without audio)
	Airplay	Yes (without Application)	Non
	Live camera	Non	Yes
Compatible OS		Windows, Mac, OSX, iOS, Android	Windows, Mac, OSX, iOS, Android



	Manual LU9235 / LU9245 / LU9245W / LU9255						
Reference	LS2ST3	LS2ST2	LS2ST1	LS2ST4	LS2SD2	LS2LT1	LS2LT2
Part number	5JJDH37.001	5JJDH37.003	5JJDH37.011	5JJDH37.004	5JJEN37.001	5JJEN37.032	5JJEN37.041
Projection ratio	0,8 : 1	0,77 - 1,1 : 1	1,14 ~ 1,35	1,25 ~ 1,6	1,6 ~ 2,0	2,0 ~ 3,0	3,11 ~ 5,9
Zoom / Focus	Manual	Manual	Manual	Manual	Manual	Manual	Manual



Products	Interactive Module				Interactive Pen		Laser Curtain	
	PW02	PW03	PW30U	PW40U	Pen	Pen	PT20	PT12
Compatible model	MX808STH MX825STH MW809STH MW826STH LX820ST LW820ST	MX808STH MX825STH MW809STH MW826STH LX820ST LW820ST	MW85U5T+ / MH856U5T+	LW890UST / LH890UST	PW02 / PW03	PW30U / PW40U	PW30U / PW40U	PW02 / PW03



	Wall Mount / Ceiling Mount			
Products	WM06G3	CMG3	CMG 5	CMG6
Compatible model	BenQ TR 0.5-0.6 short throw projector	BenQ model (weight < 15 KG)	LK990	LU9245 LU9245W LU9255

**X-Sign**



- **X-Sign CMS**  
BenQ exclusive X-Sign cloud-based content management software makes it easy to create, schedule, and display traffic-stopping signage content.
- **X-Sign Designer**  
Create content for a variety of market segment with over 100 templates that support animation for images and text, video playback, QR code implementation and even embedded HTML5 web pages. With X-Sign, you can engage your customers instantly and effortlessly.
- **X-Sign Manager**  
X-Sign Manager is designed to help you manage and distribute content remotely, no matter whether you use Windows or Android systems. It is ideal for both single and multiple display usage scenarios.
- **X-Sign Player**  
Effortlessly display content created with X-Sign Designer via a USB flash drive or BenQ cloud service.
- **X-Sign Broadcast**  
X-Sign Broadcast is a wireless broadcast system that can push alerts, messages and announcements during meetings and classes. With X-Sign, operators can insert live YouTube broadcasts of product launches on Smart Signage in real time, which makes promoting new products instant and easy.

**Hassle-Free Display Management**

- **Always Ready for Display Productivity**  
Pre-installed with robust display management, BenQ IFPs provide one-step tools for easy content creation and distribution as well as instant configuration and performance monitoring. This ensures mission-critical corporate performance across all displays with significant cost and resource reduction.
- **DMS Cloud**  
Device Management System is a platform which enables ITS to remotely manage BenQ screens, the manager can check hardware status, change settings, manage firmware upgrades and APP installation/uninstallation with minimal efforts and maximal efficiency.
- **DMS Local**  
DMS Local software enables remote management of a full array of BenQ screens. Through Ethernet, DMS Local provides centralized control for IT personnel to schedule on/off times and monitor real-time display status to minimize cost, time, and effort associated with adjusting and maintaining individual units. DMS Local is operated under the Intranet environment in the cases that screens are not connected to Internet.
- **OTA (Over-the-Air) Update**  
Upgrade the latest BenQ firmware for your displays through our OTA Update support and keep them running smoothly at all times.

**AMS**

**Account Management System**  
Instantly access and manage personal data from any IFP. AMS also guarantees a more effortless way for IT personnel to manage accounts, improving the efficiency and convenience of managing accounts on BenQ's IFPs to a whole new level.

**ClassroomCare**

- **Smart Eye-Care Solution**  
TÜV-certified Flicker-Free and Low Blue Light technology and Anti-Glare technologies combine with motion sensors, which automatically adjust display settings for optimum eye comfort.
- **Germ-Resistance Screen**  
The TÜV, SGS, SIAA certified Germ-Resistant Screen is empowered by a multilayer coating of the non-toxic, enduring nano ionic silver agent that kills most germs accumulating on screen surfaces and prevent cross-infection or epidemic in classrooms. The ionic silver's antimicrobial feature remains effective even after thorough cleaning by instructive steps or long periods of use.
- **Air Quality Sensors**  
Air quality sensors (multiple sensors, including temperature & humidity) constantly monitor CO2 levels, helping you maintain the optimum environment, ensuring a productive, alert and engaged audience for every classroom session.

**The World's First and Only  
PANTONE® Validated Digital Signage**

The Pantone Validated SL02K series—the first and only digital signage of its kind—guarantees on-screen colour fidelity. When paired with BenQ's Pantone Validated designer monitors, it provides an end-to-end solution that covers everything from content creation to deployment on displays.



**EZWrite**



- **EZWrite 5 Cloud Whiteboard**  
EZWrite 5 is the perfect collaborative cloud-based whiteboard solution that helps businesses increase creativity and productivity. It lets teams communicate as if everyone were at the same table, regardless of location. Teams can even connect to other whiteboards, mobile phones, tablets, or personal computers for multi-device collaboration.  
\*EZWrite 6 to be released in Q3 2021
- **Annotation Solution**  
EZWrite 5's built-in Floating Tool empowers users to write and save on top of any apps, videos, websites, documents, or images, whether using Windows, Mac, or Chrome. The floating on-screen menu enables users to record, print screen, screen capture, erase, annotate and access to whiteboard.
- **Tools to Enhance the Workflow**  
The digital whiteboard is also full of useful software features such as Sticky notes, Calculator, Timer, and Geometry, which help teams quickly generate and organize ideas.
- **EZwriteLive**  
EZWrite Live connects teachers with students around the world. Ideal for in-class and distance learning alike, the service allows students to participate in lectures from their personal devices. The integrated video conferencing simulates the classroom experience, further boosting interactivity.

**DUO Boards**

- **Duo Boards**  
Connect two boards together to create one large continuous workspace, giving ample room for multiple collaborators.
- **Duo Windows**  
Partition a single board to run two applications side by side, enabling multi-tasking and facilitate the flow of information between different apps.
- **Duo OS**  
Simultaneously have two different operating systems (Android, iOS, macOS, or Windows) on the DuoBoard.
- **Duo User**  
20 Fingers multi-touch capability allows multiple users to collaborate on the same screen at the same time.



**BenQ digital display partner software:**

- **aws** Cloud service software
- **McAfee** Enterprise security software
- **vmware** Virtual desktop software
- **TeamViewer** Video conference software



Product series	Education Series				
Model name	RM5502K	RM6502K	RM6502S	RM7502K	RM7502S
Screen size	55"	65"	65"	75"	75"
Touch technology	20 points / IR	20 points / IR	20 points / IR	20 points / IR	20 points / IR
Orientation / Usage hours	Landscape 18/7	Landscape 18/7	Landscape 16/7	Landscape 18/7	Landscape 16/7
Glass	4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial*
Resolution	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160
Brightness	350 nits	350 nits	350 nits	350 nits	350 nits
Contrast ratio	5,000 : 1	1200 : 1	1200 : 1	1200 : 1	1200 : 1
Response time	8.5ms	8ms	8ms	8ms	8ms
Pixel pitch / Viewing angle	0.11 (H) x 0.32 (V) / 178° (H) / 178° (V)	0.37 (H) x 0.37 (V) / 178° (H) / 178° (V)	0.37 (H) x 0.37 (V) / 178° (H) / 178° (V)	0.43 (H) x 0.43 (V) / 178° (H) / 178° (V)	0.43 (H) x 0.43 (V) / 178° (H) / 178° (V)
Touch interface	USB (type B), x2	USB (type B), x2	USB (type B), x2	USB (type B), x2	USB (type B), x2
Built-in speaker	16W x 2	16Wx2	16Wx2	16Wx2	16Wx2
VGA input/output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
DVI-D input/output	No / No	No / No	No / No	No / No	No / No
HDMI input/output	x3 (2.0) / x1 (2.0)	x3 (2.0) / x1 (2.0)	x4 (2.0) / x1 (2.0)	x3 (2.0) / x1 (2.0)	x4 (2.0) / x1 (2.0)
Display Port input/output	No / No	No / No	No / No	No / No	No / No
Audio (L/R, RCA) input/output	No / No	No / No	No / No	No / No	No / No
Line(3.5mm) input/output	x1 / x1	x1 / x1	x1 / x1	x1 / x1	x1 / x1
USB Port	Type A x5 (2.0 x 2; 3.0 x 3) / Type B x2	Type A x5 (2.0 x 2; 3.0 x 3) / Type B x2	Type A x7 (2.0 x 2; 3.0 x 5) / Type B x3	Type A x5 (2.0 x 2; 3.0 x 3) / Type B x2	Type A x7 (2.0 x 2; 3.0 x 5) / Type B x3
RS232 input / output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
LAN RJ45 port	x1	x1	x1	x1	x1
OPS/Option board slot	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi
Weight (without packaging / with packaging) kg	29.3 / 37.1	41.2 / 52.7	41.2 / 52.7	54.4 / 76.1	55.6 / 72.6
Dimensions (WxHxD) / Bezel top/bottom/left/right	1268.1 x 814.5 x 115.6 mm / 17.8 / 87.7 / 17.8 / 17.8	1488.7 x 938.9 x 115.6 mm / 17.8 / 87.7 / 17.8 / 17.8	1489 x 939 x 116.6 mm / 17.8 / 87.7 / 17.8 / 17.8	1709.4 x 1062.0 x 115.8 mm / 17.8 / 87.7 / 17.8 / 17.8	1709.4 x 1062.0 x 115.8 mm / 17.8 / 87.7 / 17.8 / 17.8
Wall mount (Screw type /Max. length)	400 x 200 (4 holes); 4 - M8 x 25L	600 x 400 (4 holes); 4 - M8 x 25L	600 x 400 (4 holes); 4 - M8 x 25L	800 x 400 (4 holes); 4 - M8 x 25L	800 x 400 (4 holes); 4 - M8 x 25L
VGA daisy chain	No	No	No	No	No
Digital daisy chain	No	No	No	No	No
RS232 daisy chain	No	No	No	No	No
Warranty (Please contact regional office)	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange

\*Anti-Bacterial feature varies by part number and region



Education Series				
RM8602K	RM8602S	RP6502	RP7502	RP8602
86"	86"	65"	75"	86"
20 points / IR	20 points / IR	20 points / IR	20 points / IR	20 points / IR
Landscape 18/7	Landscape 16/7	Landscape 18/7	Landscape 18/7	Landscape 18/7
4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial*	4 mm, Tempered Glass, Anti-Bacterial	4 mm, Tempered Glass, Anti-Bacterial	4 mm, Tempered Glass, Anti-Bacterial
4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160
350 nits	350 nits	350 nits	450 nits	400 nits
1100 : 1	1200 : 1	1200 : 1	1200 : 1	1200 : 1
8ms	8ms	8ms	8ms	8ms
0.49 (H) x 0.49 (V) / 178°	0.43 (H) x 0.43 (V) / 178° (H) / 178° (V)	0.37 (H) x 0.37 (V) / 178° (H) / 178° (V)	0.43 (H) x 0.43 (V) / 178° (H) / 178° (V)	0.49 (H) x 0.49 (V) / 178° (H) / 178° (V)
USB (type B), x2	USB (type B), x2	USB (type B), x3	USB (type B), x3	USB (type B), x3
16Wx2	16Wx2	16W x 2 & Subwoofer 15W x1 (HIFI 2.1)	16W x 2 & Subwoofer 15W x1 (HIFI 2.1)	16W x 2 & Subwoofer 15W x1 (HIFI 2.1)
x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
No / No	No / No	No / No	No / No	No / No
x3 (2.0) / x1 (2.0)	x4 (2.0) / x1 (2.0)	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes
No / No	No / No	No / No	No / No	No / No
No / No	No / No	No / No	No / No	No / No
x1 / x1	x1 / x1	Input 3.5mm / No + Microphone x8	Input 3.5mm / No + Microphone x8	Input 3.5mm / No + Microphone x8
Type A x5 (2.0 x 2; 3.0 x 3) / Type B x2	Type A x7 (2.0 x 2; 3.0 x 5) / Type B x3	Type A x5 (2.0 x 3; 3.0 x 2) / Type B x3 / Type C x1	Type A x5 (2.0 x 3; 3.0 x 2) / Type B x3 / Type C x1	Type A x5 (2.0 x 3; 3.0 x 2) / Type B x3 / Type C x1
x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
x1	x1	x1	x1	x1
OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi	OPS / Dongle Wi-Fi
70.2 / 99.6	69.7 / 93.95	44.0 / 56.0	61.0 / 78.0	79.0 / 97.5
1957.1 x 1201.8 x 115.8 mm / 17.8 / 87.7 / 17.8 / 17.8	1957.1 x 1201.8 x 115.8 mm / 17.8 / 87.7 / 17.8 / 17.8	1505.9 x 951 x 121.5 mm / 23.4 / 23.4 / 23.4 / 23.4	1735.5 x 1085.8 x 130.7 mm / 23.4 / 23.4 / 23.4 / 23.4	1988.8 x 1229.8 x 138.4 mm / 23.4 / 23.4 / 23.4 / 23.4
800 x 600 (4 holes); 4 - M8 x 25L	800 x 600 (4 holes); 4 - M8 x 25L	600 x 400 (4 holes); 4 - M8 x 20L	600 x 400 (4 holes); 4 - M8 x 20L	700 x 400 (4 holes); 4 - M8 x 20L
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange

# Large Format Display

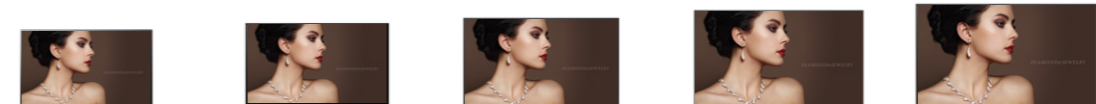
Interactive Flat Panel



Product series	Corporate Series				
Model name	CS6501	CS7501	CS8601	CP6501K	CP8601K
Screen size	65"	75"	86"	65"	86"
Touch technology	-	-	-	20 points / P-CAP Direct Bonding	20 points / P-CAP Direct Bonding
Orientation / Usage hours	Landscape 18/7	Landscape 18/7	Landscape 18/7	Landscape/Portrait 18/7	Landscape 18/7
Glass	-	-	-	3 mm, Tempered Glass, Anti-Bacterial	3 mm, Tempered Glass, Anti-Bacterial
Resolution	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160	4K2K 3840 x 2160
Brightness	450 nits	450 nits	450 nits	320 nits	450 nits
Contrast ratio	1200:1	1200:1	1200:1	5000:1	1200:1
Response time	8ms	8ms	8ms	8ms	8ms
Pixel pitch / Viewing angle	0.372 (H) x 0.372 (V) / 178° (H) / 178° (V)	0.43 (H) x 0.43 (V) / 178° (H) / 178° (V)	0.49 (H) x 0.49 (V) / 178° (H) / 178° (V)	0.37 (H) x 0.37 (V) / 178° (H) / 178° (V)	0.49 (H) x 0.49 (V) / 178° (H) / 178° (V)
Touch interface	-	-	-	USB (type B), x2	USB (type B), x2
Built-in speaker	10W x 2	10W x 2	16W x 2	Speaker 10W x2 & Subwoofer 16W x1 (HiFi 2.1)	Speaker 10W x2 & Subwoofer 16W x1 (HiFi 2.1)
VGA input/output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
DVI-D input/output	No / No	No / No	No / No	No / No	No / No
HDMI input/output	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes	HDMI x3 (2.0) / Yes
Display port input/output	No / No	No / No	No / No	Yes / No	Yes / No
Audio (L/R, RCA) input/output	No / No	No / No	No / No	Yes / No	Yes / No
Line(3.5mm) input/output	x1 / x1	x1 / x1	x1 / x1	Input 3.5mm / No + 6 micros integrated	Input 3.5mm / No + 6 micros integrated
USB port	Type A x6 (2.0 x 3; 3.0 x 3) / Type B x2	Type A x6 (2.0 x 3; 3.0 x 3) / Type B x2	Type A x6 (2.0 x 3; 3.0 x 3) / Type B x2	Type A x7 (2.0 x 4; 3.0 x 3) / Type B x2	Type A x7 (2.0 x 4; 3.0 x 3) / Type B x2
RS232 input / output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
LAN RJ45 port	x1	x1	x1	x1	x1
OPS/Option board slot	OPS	OPS	OPS	OPS	OPS
Weight (without packaging / with packaging) kg	26.95 / 40.9	33.3 / 49	54.3 / 77.1	43.2 / 58.5	71.5 / 97.9
Dimensions (WxHxD) / Bezel top/bottom/left/right	1450.6 x 828.1 x 90.2 mm / 8.8 / 12.8 / 8.8 / 8.8	1672.2 x 954.9 x 86.7 mm / 9 / 13.3 / 9 / 9	1930.8 x 1109.3 x 82.8 mm / 14 / 24 / 14 / 14	1502.7 x 908.2 x 85.2 mm / 37 / 37 / 37 / 37	1962 x 1167 x 85 mm / 32.5 / 32.5 / 32.2 / 36.1
Wall mount (Screw type /Max. length)	400 x 200 (4 holes); M6 x 10L	400 x 200 (4 holes); M8 x 15L	600 x 400 (4 holes); M8 x 20L	600 x 400 (4 holes); 4 - M8 x 25L	800 x 600 (4 holes); 4 - M8 x 25L
VGA daisy chain	No	No	No	No	No
Digital daisy chain	No	No	No	No	No
RS232 daisy chain	No	No	No	No	No
Warranty (Please contact regional office)	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange



Product series	Smart Signage Series				
Model name	SL4302K	SL5502K	SL6502K	SL7502K	SL8502k
Screen Size	43"	55"	65"	75"	85"
Touch technology	No	No	No	No	No
Orientation / Usage hours	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7
Resolution	UHD 3840 x 2160 (Pantone Validated)	UHD 3840 x 2160 (Pantone Validated)	UHD 3840 x 2160 (Pantone Validated)	UHD 3840 x 2160 (Pantone Validated)	UHD 3840 x 2160 (Pantone Validated)
Brightness	500 nits	500 nits	500 nits	500 nits	500 nits
Contrast Ratio	1200:1	1200:1	1200:1	1200:1	5000:1
Response time	8ms	8ms	8ms	8ms	9.5ms
Pixel pitch / viewing Angle	0.245(H) x 0.245(V) / 178° (H) / 178° (V)	0.315(H) x 0.315(V) / 178° (H) / 178° (V)	0.372(H) x 0.372(V) / 178° (H) / 178° (V)	0.4296(H) x 0.4296(V) / 178° (H) / 178° (V)	0.1625(H) x 0.4875(V) / 178° (H) / 178° (V)
Built-in speaker	10Wx2	10Wx2	10Wx2	16Wx2	16Wx2
VGA input/output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
DVI-D input/output	No / No	No / No	No / No	No / No	No / No
HDMI input/output	x2 (2.0) / x1 (2.0)	x2 (2.0) / x1 (2.0)	x2 (2.0) / No	x2 (2.0) / x1 (2.0)	x2 (2.0) / x1 (2.0)
Display Port input/output	x1 (1.1/1.2) / No	x1 (1.1/1.2) / No	x1 (1.1/1.2) / No	x1 (1.1/1.2) / No	x1 (1.1/1.2) / No
Audio (L/R, RCA) input/output	No / No	No / No	No / No	No / No	No / No
Line (3.5mm) input/output	No / x1	No / x1	No / x1	No / x1	No / x1
USB port	x4 (2.0 x 2; 3.0 x 2)	x4 (2.0 x 2; 3.0 x 2)	x4 (2.0 x 2; 3.0 x 2)	x4 (2.0 x 2; 3.0 x 2)	x4 (2.0 x 2; 3.0 x 2)
RS232 input / output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
LAN RJ45 port	x1	x1	x1	x1	x1
OPS/Option board slot	No	No	No	No	No
Weight (without packaging / with packaging) kg	17.2 / 24.5	26.4 / 31.4	35.5 / 48.0	52 / 60.5	50 / 60.5
Dimensions (WxHxD) / Bezel top/bottom/left/right	965.5x 553.9x 57.5 mm / 11.7 / 11.7 / 11.7 / 11.7	1236.4 x 707.2 x 63.1 mm / 11.9 / 11.9 / 11.9 / 11.9	1454.6 x 829.6 x 72 mm / 12.6 / 12.6 / 12.6 / 12.6	1689.5 x 967.7 x 94.1 mm / 19.3 / 19.3 / 19.3 / 19.3	1902 x 1083 x 84 mm / 13 / 13 / 13 / 13
Wall mount (Screw type /Max. length)	400 x 400 (4 holes); 4 - M6 x 16L (VESA)	400 x 400 (4 holes); 4 - M6 x 14L (VESA)	400 x 400 (4 holes); 4 - M8 x 20L (VESA)	600 x 400 (4 holes); 4 - M8 x 15L (VESA)	600 x 400 (4 holes); 4 - M8 x 20L (VESA)
VGA daisy chain	No	No	No	No	No
Digital daisy chain	No	No	No	No	No
RS232 daisy chain	No	No	No	No	No
Warranty (Please contact regional office)	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange



Product series	Smart Signage Series				
Model name	ST4302	ST5502	ST6502	ST7502	ST8602
Screen Size	43"	55"	65"	75"	86"
Touch technology	No	No	No	No	No
Orientation / Usage hours	Landscape 18/7	Landscape 18/7	Landscape 18/7	Landscape 18/7	Landscape 18/7
Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
Brightness	450 nits	450 nits	450 nits	450 nits	450 nits
Contrast Ratio	5000:1	4500:1	1200:1	1200:1	1200:1
Response time	6ms	8ms	8ms	8ms	8ms
Pixel pitch / viewing Angle	0.245 (H) x 0.245 (V) / 178° (H) / 178° (V)	0.315 (H) x 0.315 (V) / 178° (H) / 178° (V)	0.372 (H) x 0.372 (V) / 178° (H) / 178° (V)	0.4296 (H) x 0.4296 (V) / 178° (H) / 178° (V)	0.372 (H) x 0.372 (V) / 178° (H) / 178° (V)
Built-in speaker	12Wx2	12Wx2	12Wx2	12Wx2	12Wx2
VGA input/output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
DVI-D input/output	x1 / No	/ No	No / No	No / No	No / No
HDMI input/output	x2 (2.0) / Yes	x2 (2.0) / Yes	x2 (2.0) / x1 (2.0)	x2 (2.0) / x1 (2.0)	x2 (2.0) / x1 (2.0)
Display Port input/output	x1 (1.2) / No	x1 (1.2) / No	No / No	No / No	No / No
Audio (L/R, RCA) input/output	No / No	No / No	No / No	No / No	No / No
Line (3.5mm) input/output	No / x1	No / x1	No / x1	No / x1	No / x1
USB port	x3 (2.0 x 2; 3.0 x 1)	x3 (2.0 x 2; 3.0 x 1)	x3 (2.0 x 2; 3.0 x 1)	x3 (2.0 x 2; 3.0 x 1)	x3 (2.0 x 2; 3.0 x 1)
RS232 input / output	x1 / No	x1 / No	x1 / No	x1 / No	x1 / No
LAN RJ45 port	x1	x1	x1	x1	x1
OPS/Option board slot	x1	x1	x1	x1	x1
Weight (without packaging / with packaging) kg	11.6 / 15.9	18.4 / 25.7	23.0 / 33.6	29.3 / 41.7	49.4 / 69.2
Dimensions (WxHxD) / Bezel top/bottom/left/right	961.4 x 553.7 x 71.9 mm / 8.7 / 13.1 / 8.7 / 8.7	1233.6 x 708.4 x 76.6 mm / 10.7 / 14.9 / 10.7 / 10.7	1450.6 x 828.1 x 78.5 mm / 8.8 / 12.8 / 8.8 / 8.8	1672.2 x 957.0 x 72.0 mm / 9.0 / 13.2 / 9.0 / 9.0	1930.8 x 1109.3 x 82.4 mm / 13.9 / 23.4 / 13.9 / 13.9
Wall mount (Screw type /Max. length)	200 x 200	400 x 200	400 x 200	400 x 200	600 x 400
VGA daisy chain	No	No	No	No	No
Digital daisy chain	No	No	No	No	No
RS232 daisy chain	No	No	No	No	No
Warranty (Please contact regional office)	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange





Stretch Display Series				
Product series	BH2401	BH2401T	BH2801	BH2801N
Model name	BH2401	BH2401T	BH2801	BH2801N
Screen size	24"	24"	28"	28"
Orientation / Usage hours	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7
Resolution	1920 x 190 - 16:1.6	1920 x 187 - 16:1.6	1920 x 360 - 16:3	1920 x 360 - 16:3
Brightness	1,000 nits	1000 nits	1,000 nits	1000 nits
Contrast ratio	3,000:1	3000:1	3,000:1	3000:1
Response time	8 ms	8 ms	8 ms	8 ms
Pixel pitch / Viewing angle	0.31 mm / 170° (H) / 170° (V)	0.31 mm / 170° (H) / 170° (V)	0.36 mm / 178° (H) / 178° (V)	0.36 mm / 178° (H) / 178° (V)
Built-in speaker	1Wx2	1Wx2	1Wx2	1Wx2
VGA input/output	No / No	No / No	No / No	No / No
DVI-D input/output	No / No	No / No	No / No	No / No
HDMI input/output	1 x 1.4 / No	1 x 1.4 / No	1 x 1.4 / No	1 x 1.4 / No
Display port input/output	No / No	No / No	No / No	No / No
Audio (L/R, RCA) input/output	No / No	No / No	No / No	No / No
Line (3.5mm) input/output	No / No	No / No	No / No	No / No
USB port	x2 (2.0 x 2)	x1 (2.0 x 1)	x2 (2.0 x 2)	x2 (2.0 x 2)
RS232 input / output	x1 / No	x1 / No	x1 / No	x1 / No
LAN RJ45 port	x1	x1	x1	x1
OPS/Option board slot	No	No	No	No
Weight (without packaging / with packaging) kg	3.4 / 5.5	3.4 / 5.5	5.3 / 8.1	4.3 / 7.1
Dimensions (WxHxD) / Bezel (top/bottom/left/right)	629.6 x 90.0 x 45.5 / 15.5 / 15.5 / 15.5 / 15.5	629.6 x 90.0 x 45.5 / 15.5 / 15.5 / 15.5 / 15.5	728.8 x 162.4 x 45.5 / 14.7 / 14.7 / 14.7 / 14.7	725.8 x 159.4 x 42.5 / 14.7 / 14.7 / 14.7 / 14.7
Wall mount (Screw type /Max. length)	430 x 60 (4 holes); 4 - M4 x 10L	430 x 60 (4 holes); 4 - M4 x 10L (VESA)	400 x 100 (4 holes); 4 - M4 x 10L (VESA)	400 x 100 (4 holes); 4 - M4 x 10L (VESA)
VGA Daisy Chain	No	No	No	No
Digital Daisy Chain	No	No	No	No
RS232 Daisy Chain	No	No	No	No
Warranty (Please contact regional office)	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange



Stretch display series				
BH3501	BH3501T	BH3801	BH3801D	BH3801N
35"	35"	38"	38"	38"
Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7	Landscape / Portrait 24/7
1920 x 130 - 16:1	1920 x 122 - 16:1	1920 x 600 - 16:5	1920 x 614 - 16:5	1920 x 614 - 16:5
1,000 nits	1000 nits	1,000 nits	700 nits	1000 nits
3,000:1	3000:1	3,000:1	3000:1	3000:1
8 ms	8 ms	8 ms	8 ms	8 ms
0.46 mm / 178° (H) / 178° (V)	0.46 mm / 178° (H) / 178° (V)	0.48 mm / 178° (H) / 178° (V)	0.48 mm / 178° (H) / 178° (V)	0.46 mm / 178° (H) / 178° (V)
1Wx2	1Wx2	1Wx2	1Wx4	1Wx2
No / No	No / No	No / No	No / No	No / No
No / No	No / No	No / No	No / No	No / No
1 x 1.4 / No	1 x 1.4 / No	1 x 1.4 / No	2 x 1.4 / No	1 x 1.4 / No
No / No	No / No	No / No	No / No	No / No
No / No	No / No	No / No	No / No	No / No
No / No	No / No	No / No	No / No	No / No
No / No	No / No	No / No	No / No	No / No
x2 (2.0 x 2)	x1 (2.0 x 1)	x2 (2.0 x 2)	x4 (2.0 x 4)	x2 (2.0 x 2)
x1 / No	x1 / No	x1 / No	x2 / No	x1 / No
x1	x1	x1	x2	x1
No	No	No	No	No
3.9 / 6.4	3.9 / 6.4	11.0 / 14.4	13.0 / 16.5	8.5 / 11.9
905.0 x 89.2 x 45.3 / 15.1 / 15.1 / 9.2 / 9.2	905.0 x 89.2 x 45.3 / 15.1 / 16.6 / 9.2 / 9.2	949.6 x 317.6 x 45.6 / 14.2 / 14.2 / 14.7 / 14.7	965.0 x 332.0 x 80.0 / 14.2 / 14.2 / 14.7 / 14.7	946.6 x 314.6 x 42.6 / 15.1 / 15.1 / 9.2 / 9.2
430 x 60 (4 holes); 4 - M4 x 10L	430 x 60 (4 holes); 4 - M4 x 10L (VESA)	400 x 100 (4 holes); 4 - M4 x 10L (VESA)	On the sides; 10 - M6 x 12L (10 holes)	400 x 100 (4 holes); 4 - M4 x 10L (VESA)
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange	3 years on site exchange

Large Format Display



PRODUCTS	Wall Mount Kit	
	DMY11	DMY12
Dimension (W x H x D)	452.8 x 80.0 x 26.4 mm	420.0 x 132.3 x 30.0 mm
Dimension with packing	460.0 x 70.0 x 50.0 mm	430.0 x 160.0 x 50.0 mm
Distance from the wall	26.4 mm	30 mm
Net weight	0.6 kg	1.2 kg
Gross weight	0.9 kg	1.6 kg
Display angle	0°-45°	0°/15°/30°
Compatible model	BH2401 BH3501	BH2801 BH2801N BH3801 BH3801N



PRODUCTS	USB Wireless Dongle	
	WDR02U	
Wi-Fi standard	IEEE 802.11 a/b/g/n/ac	
Wi-Fi band	Dual Band 2.4GHz / 5GHz	
Wi-Fi performance	2.4GHz Band: up to 300 Mbps 5GHz Band: up to 867 Mbps	
Interface	USB 2.0	
Security	WPA,WPA2,AES(TKIP),IEEE 802.1X	
Bluetooth standard	Bluetooth 4.0 BLE	
Supported OS	Android 5.0 & above	
Operating conditions	Operating temperature: -10°C to 70°C Operating humidity: 0 to 90%	
Dimension (L x W x H)	50.25 x 18.30 x 8.72 mm	
Net weight	13.85g	
Compatible models	RP553K / RP653K / RM5501K / RM6501K / RM7501K / RM8601K / RP6501K / RP7501K / RP8601K / ST750K / ST860K / ST4301K / ST5501K / ST4302K / ST5502K / BH2801 / BH3801 / BH2401 / BH3501	

Model	OPS TEY21 / TEY21Z / TEY21B					
	TEY21-1015M8S5	TEY21Z-1015M8S5	TEY21B-1015M8S5	TEY21-1017M8S5	TEY21Z-1017M8S5	TEY21B-1017M8S5
CPU	Intel® 10th Gen. Comet Lake-U SOC i5 10210U					
RAM	8GB (DDR4 4G x 2)					
Storage (M.2 2280 SATA SSD)	256GB	256GB	256GB	256GB	256GB	256GB
Graphics	Intel® HD Graphics 6 Series					
Resolution	Max. 3840 x 2160 @60Hz					
Chipset	Integrated into CPU					
Wi-Fi	Intel Gigabit Ethernet					
Preload Zoom Room	-	Yes	-	-	Yes	-
Preload BenQ Launcher	-	-	Yes	-	-	Yes
USB 3.1 Type-C (CC only)	x1					
USB 3.1 Type-A	x2					
USB 3.0 Type-A	x1					
USB 2.0 Type-A	x1					
	x1 (Support 4K@60Hz)					
RJ45 (10/100/1000M)	x1					
3.5mm Mic in	x1					
WiFi/BT ANT	x2					
OS Support	Win10 Pro 64 bit trial version					
Power Supply Mode	DC input +12V~+19V					
Dimension L*W*H	119 x 180 x 30 mm					
Net Weight	0.97 kg					
Operation Temperature	5°C~45°C					
Operation Humidity	10%~95%					

PRODUCTS	OPS	
	IE10002	IE10004
CPU	Intel® Kaby Lake-U i5 7200U	Intel® Kaby Lake-U i7 7500U
RAM	8GB DDR4 (2 x DDR4 260-pin SO-DIMM)	
Storage	128GB SSD	
GPU	Intel® HD Graphics 620	
Max resolution	3840 x 2160 @ 30Hz	
Output	HDMI	HDMI 1.4 x 1
	Audio output	x1 (3.5 mm)
Input	Audio input	x1 (3.5 mm)
USB	USB 3.0 x 2 / USB 2.0 x 2	
RS232	N/A	
LAN (RJ45)	Yes (10/100/1000M)	
Wireless connection	Dual band M.2 802.11 ac/n/g/b/a BT4.2	
Power Supply	12V~19V DC-in (via OPS interconnection)	
Dimension (mm)	OPS	180 x 119 x 30
	Package	254 x 196 x 77
Weight (kg)	OPS	0.8
	Package	1.03
Operation temperature	5°C ~ 45°C	
Operating humidity	10% ~ 95% RH non-condensing	

Large Format Display



PRODUCTS	DVY21	DVY22	DVY23
Dimension (mm)	30 x 102 x 46	56 x 220 x 93	150 x 181 x 116
Weight (kg)	0,15	0,53	1,38
Sensor	1080P FHD	4K UHD	1080P FHD
Resolution	1080p, 720p, SD @ 30 fps	Main stream: 4K, 1080p, 900p, 720p @ 30 fps Sub stream: 720p, 480p, 172p @ 30 fps	1080p, 720p, SD @ 30 fps
Field of view	Horizontal: 87°, Vertical: 50°, Diagonal: 88°	Horizontal: 120°, Vertical: 85°, Diagonal: 126°	Horizontal: 55°, Vertical: 31°, Diagonal: 63°
Zoom	-	Digital: 4x	Optical: 20x / Digital: 10x
Pan   Tilt	-	-	Digital: ±170°   -30° to 90°
Pan   Tilt speed	-	N/A	100°/sec   45°/sec
Focus	Fixed	Auto and manual	Auto and manual
Auto framing	-	Yes	-
Preset positions	-	10	Remote: 10   LAN: 255
Lens type	Glass	Glass	Glass
Low light performance	0.5 Lux	0.1 Lux	0.5 Lux
Microphone	Omnidirectional mics	Omnidirectional mics	-
Effective pickup distance	Up to 5 meters	Up to 8 meters	Subject to the mic you use
Input	-	-	3.5 mm
output	-	-	HDMI, Ethernet, SDI
Echo cancellation	Yes	Yes	-
Video	Output	USB 2.0	USB 3.0, HDMI, Ethernet, SDI
Ethernet	RJ45	-	1 GbE port / Power over Ethernet
Control interface	In/Out	-	RS232, RS422, RS485   RS232
Power	Voltage	5V	5V
Compatibility	Operating systems	Windows 7 (1080P/720P), Windows 8.1, Windows 10, macOS™ 10.10, Linux (UVC), and later	
	BenQ displays	CP01K, CS01, SL02K, ST02, RP02, RM02K, RM02S, RE01, RP01K, ST01K, and later models	
Package contents	USB	Plug and play	Plug and play
	Included	<ul style="list-style-type: none"> <li>1080P FHD webcam</li> <li>Camera mount (built-in)</li> <li>USB cable (built-in)</li> </ul>	<ul style="list-style-type: none"> <li>4K UHD conference cam</li> <li>Remote control</li> <li>Camera mount (built-in)</li> <li>USB 3.0 Type-B</li> <li>Power supply</li> </ul>