

PHILIPS

Signage Solutions

2014



A new chapter in
Signage Solutions



Welcome to Philips **Signage Solutions**



The right message, at the right time

Whatever business you are in, it always pays to look professional. That is why, when you are choosing signage solutions, you want to choose the best. Making use of leading technologies we have developed impactful signage solutions that bring innovation to your business.

Our latest generation Signage Solutions offer best in class picture performance, while focusing on convenience for integrators and total cost of ownership for end users. With this broad range of professional displays we are dedicated to meet the highest quality standards and operational excellence. And you can see that commitment clearly in everything we do. Enjoy taking a closer look at what Philips Signage Solutions has to offer.



Next generation of digital signage

Each application is unique. We developed our SmartCollection to offer you customizable solutions to meet your specific requirements. Both integrators and solution providers are offered the latest innovations, while the audience can enjoy impactful solutions. When developing smart innovations we focus on three key ingredients:

Caring

Care about your business, and your audience. Our focus on the success of your business and your audience's satisfaction resulted in true long-term partnerships based on reliability, trust and excellence.

Innovative

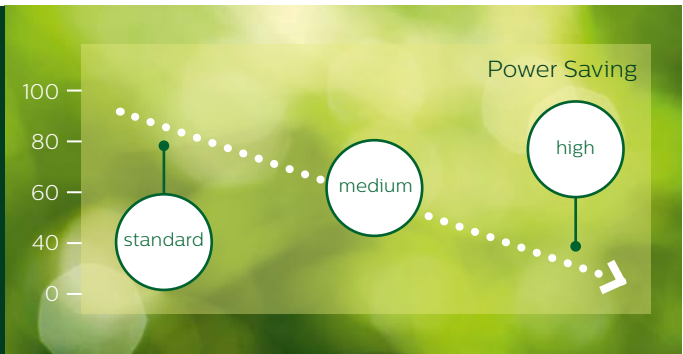
Innovative solutions ensure the right message at the right time. We provide built-in capability to support customized applications and services through a wide array of system integrators and service providers.

Impactful

Maximizing the impact of your message. We understand you and your audience expect impressive viewing experience, greater customization and flexibility, that is why we help you to build impactful signage solutions.

SmartCollection





Reduce your total cost of ownership up to 50%

All our professional displays offer SmartPower functionality which enables you to save costs and reduce your carbon footprint. The backlight intensity can be controlled and pre-set

by the system to reduce the power consumption by up to 50%. Considering the lifetime of your network, SmartPower will save substantially on your energy costs.



Keep your content up and running with FailOver

Keeping your content up and running is critical for demanding commercial applications. FailOver provides 24/7 protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure.

FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection (USB, VGA, HDMI, DVI or DisplayPort) and you are ready for instant protection.



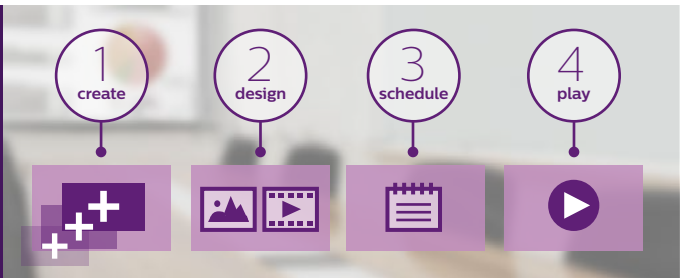
Show clinical images consistently with high quality

D-image helps you to review and diagnose clinical images with consistent and accurate display performance. To achieve reliable clinical interpretations our professional displays are

factory calibrated to give optimized greyscale standard display performance. D-image helps you to excel in every aspect of patient care.

 **SmartCMS**

SmartCMS >



Your free and perfect simple content management solution

Free and easy-to-use content management software that works exclusively with Philips Signage Solutions displays to manage your digital signage content. With SmartCMS you can

create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

 **HTML5**

HTML5 >



Connect and control your content via the cloud

Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect with a single display or with your complete

network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

 **SmartPlayer**

SmartPlayer >



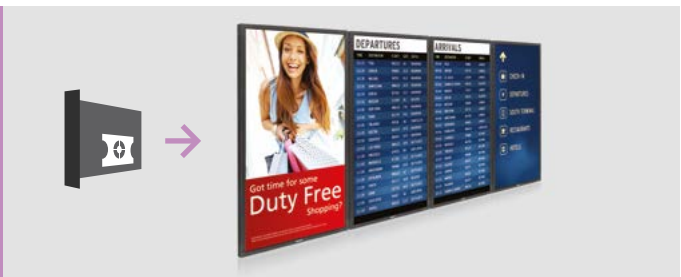
Playback what you want, when you want

Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display.

Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

 **OPSInsert**

OPS Insert >



All-in-one digital signage solution

Turn your display into an all-in-one digital signage solution and create a display network which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry

standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.



Smart Control



Connect & Control your network from a single location

Connect and control with your entire display network from a central admin computer. SmartControl is display-based software to manage your network of displays from a single

location via RJ45 and RS232. Easily identify your displays and fine-tune all display settings including resolution, brightness, contrast and SmartPower.



Multi-Touch



Experience amazing interactivity

A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user

interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.



UltraNarrow Bezel



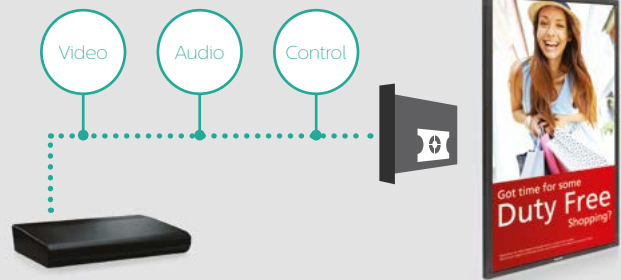
Immersive visual experience

The next generation of video wall displays is designed with industry narrowest bezels and advanced alignment solutions. Fully exploit your impactful signage content with ultra narrow

bezel displays, and make sure your message does not get lost by thick bezels. With the ultra narrow bezels you can create seamless video wall configurations of virtually any size.



HDBaseT



Future proof connectivity with HDBaseT OPS receiver

The OPS receiver module enables the reception of HDBaseT signals. HDBaseT is a connectivity standard over a single CAT5e / 6 cable, converging uncompressed full HD digital video, audio and control signals.

Making use of leading technology standards, the HDBaseT OPS receiver integrated within the OPSinsert provides you with a powerful combination and a unique all-in-one solution.



Colour Calibration



Ensure perfect and uniform colours

The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board

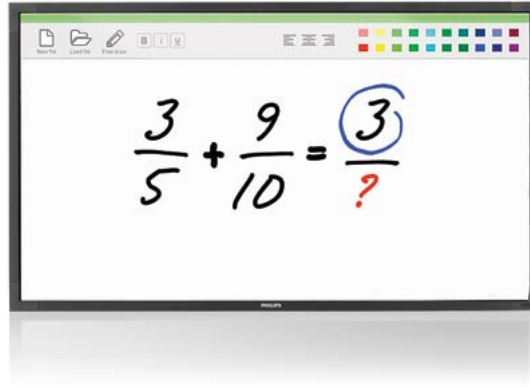
installation or a control room each single display can be adjusted to the same colour values. With this optional kit you ensure consistent colour performance over all displays in your network.

New file Load file Free draw B i U

$$\frac{3}{5} + \frac{9}{10} = \frac{3}{?}$$

PHILIPS





Make the right impression

Professional solutions for the widest range of applications

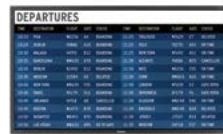
From advanced airport installations to interactive classroom solutions, Philips offers professional display solutions that help you in making the right impression. Our broad range of professional displays is designed with the latest, sustainable and innovative technologies which fit perfectly in any application.



Basic Signage
Slim Full HD
Q-line



Professional Signage
Slim Full HD
E-line



High Brightness
Slim Full HD
V-line



Videowall Solution
Ultra-Narrow Bezel
X-line



Interactive Signage
Full HD
T-line



Glasses-free 3D
Ultra HD
3D-line



Hotel TV
Signature, MediaSuite
EasySuite, Studio



Healthcare TV
EasySuite White



Q-line

Intensify your signage experience with priceless smart performance

Deliver startlingly clear images in a more eco-friendly way with the Q-line displays. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.



- 65"
- 55"
- 46"
- 42"
- 32"

Optimised for public viewing

- Full HD LED technology for brilliant images

Maximizing the impact of your message

- Manage and control your displays remotely via SmartControl

Innovative solutions for any signage application

- Free and easy-to-use content management with SmartCMS
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- Connect your display and start sharing with DLNA

Care about you, your business and your audience

- SmartPower for energy saving

E-line

Connect with your audience 24/7 with the future proof SmartCollection

With the energy efficient E-line, you will enjoy all the benefits of state-of-the-art connectivity and content management possibilities while being ensured that remote management safeguards the lowest cost of ownership.

Optimized for public viewing

- Full HD LED technology for brilliant images
- Designed for 24/7 operation

Maximizing the impact of your message

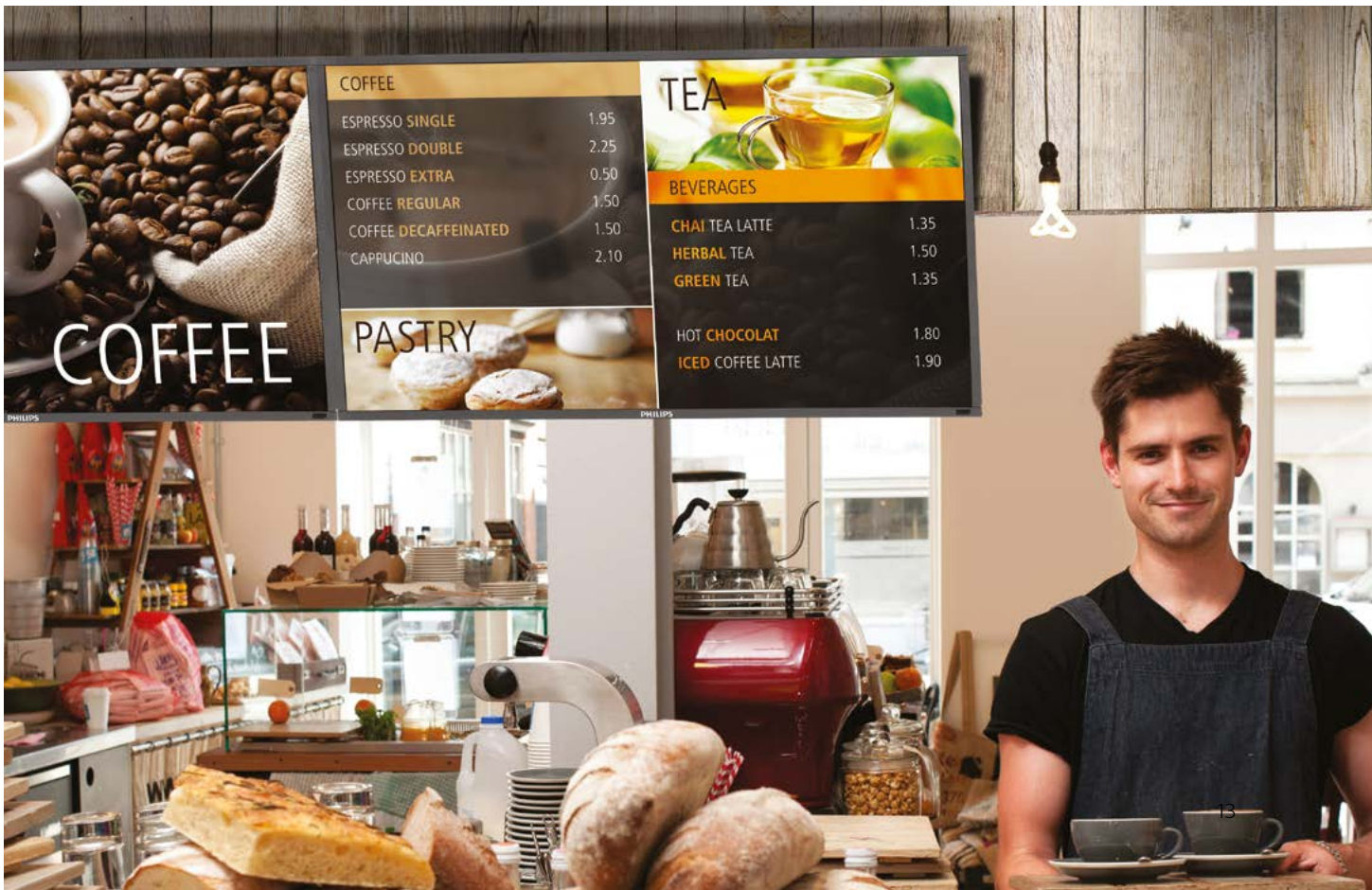
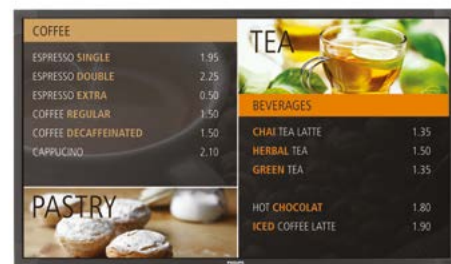
- Manage and control your network remotely via SmartControl

Innovative solutions for any signage application

- Free and easy-to-use content management with SmartCMS
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- OPS Insert to create an all-in-one digital signage solution
- Connect your display and start sharing with DLNA

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver
- Show clinical images consistently with high quality with Clinical D-Image





V-line

Connect with your audience 24/7 with High Brightness displays and the future proof SmartCollection

With the High Brightness V-line, you will enjoy all the benefits of state-of-the-art connectivity and content management possibilities while being ensured that remote management safeguards the lowest cost of ownership.

DEPARTURES				
TIME	DESTINATION	FLIGHT	GATE	STATUS
10:15	PISA	WG236	A4	BOARDING
10:20	DUBLIN	VHBAG	A18	BOARDING
10:30	MALAGA	VHTFU	B12	BOARDING
10:35	BARCELONA	WW635	A78	BOARDING
10:35	BERLIN	R2492	D12	BOARDING
10:35	MOSCOW	S1589	A5	DELAYED
10:40	NEW YORK	WW635	F45	BOARDING
10:40	PARIS	XV179	F63	BOARDING
10:45	ORLANDO	VHTLB	A8	CANCELLED
10:45	BOSTON	WJ474	B78	BOARDING
10:50	BUDAPEST	WB491	B70	BOARDING
10:50	LAS VEGAS	WW633	A95	GO TO GATE
11:00	BRUSSELS	XV493	B9	GATE OPEN
11:00	MARSEILLE	K7381	C13	GO TO GATE
11:00	AMSTERDAM	VHANA	D35	GO TO GATE
11:00	REYKJAVIK	WW603	A7	GO TO GATE
11:00	PORTO	XH117	A38	DELAYED
11:05	ROME	ZA718	A42	GO TO GATE
11:05	CAYO COCO	VHAET	A6	GATE OPEN
11:10	TRIPOLI	VHQJH	E12	GO TO GATE

55"

46"

42"

Optimized for public viewing

- Full HD LED technology for brilliant images
- High Brightness for clearer images
- Designed for 24/7 operation

Maximizing the impact of your message

- Manage and control your network remotely via SmartControl
- Advanced Colour Calibration kit to ensure perfect and uniform colours

Innovative solutions for any signage application

- Free and easy-to-use content management with SmartCMS
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- OPS Insert to create an all-in-one digital signage solution
- Connect your display and start sharing with DLNA

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver
- Show clinical images consistently with high quality with Clinical D-Image

X-line

Create new stopping power with Ultra Narrow Bezel displays

Impress your audience with the most impactful video wall. With ultra narrow bezel and stunning picture quality, you are sure to create the most memorable visual experience.

Optimized for public viewing

- Full HD LED technology for brilliant images
- High Brightness for clearer images
- Designed for 24/7 operation

Maximizing the impact of your video wall

- Immersive visual experience with Ultra Narrow Bezel
- Advanced Colour Calibration kit to ensure perfect and uniform colours
- Manage and control your video wall remotely via SmartControl

Innovative solutions for any signage application

- Optional OPS Insert to create an all-in-one digital signage solution

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver



55"

46"



T-line



Discover a new level of interaction with true Multi-Touch displays

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.



Optimized for public viewing

- Full HD LED technology for brilliant images
- Designed for 24/7 operation
- Picture-in-picture for advanced remote presentation possibilities

Supreme audience interaction

- Multi-Touch technology for advanced user interaction
- True Multi-Touch with multiple simultaneous touch points
- USB Plug-and-Play with HID compliance
- Compatible with all leading operating systems

Maximizing the impact of your message

- Manage and control your network remotely via SmartControl

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver

Glasses-free 3D

The future of 3D in Ultra HD,
without the need for special glasses

The glasses-free 3D displays offer Ultra HD resolution in both 2D and glasses-free 3D, the best depth performance, widest viewing angle, lowest cross talk and deepest black levels.

Optimized for public viewing

- 4K UHD E-LED display
- Autostereoscopic 3D
- No need for special 3D glasses
- 28 lenticular views for amazing, smooth 3D pictures

Operational flexibility

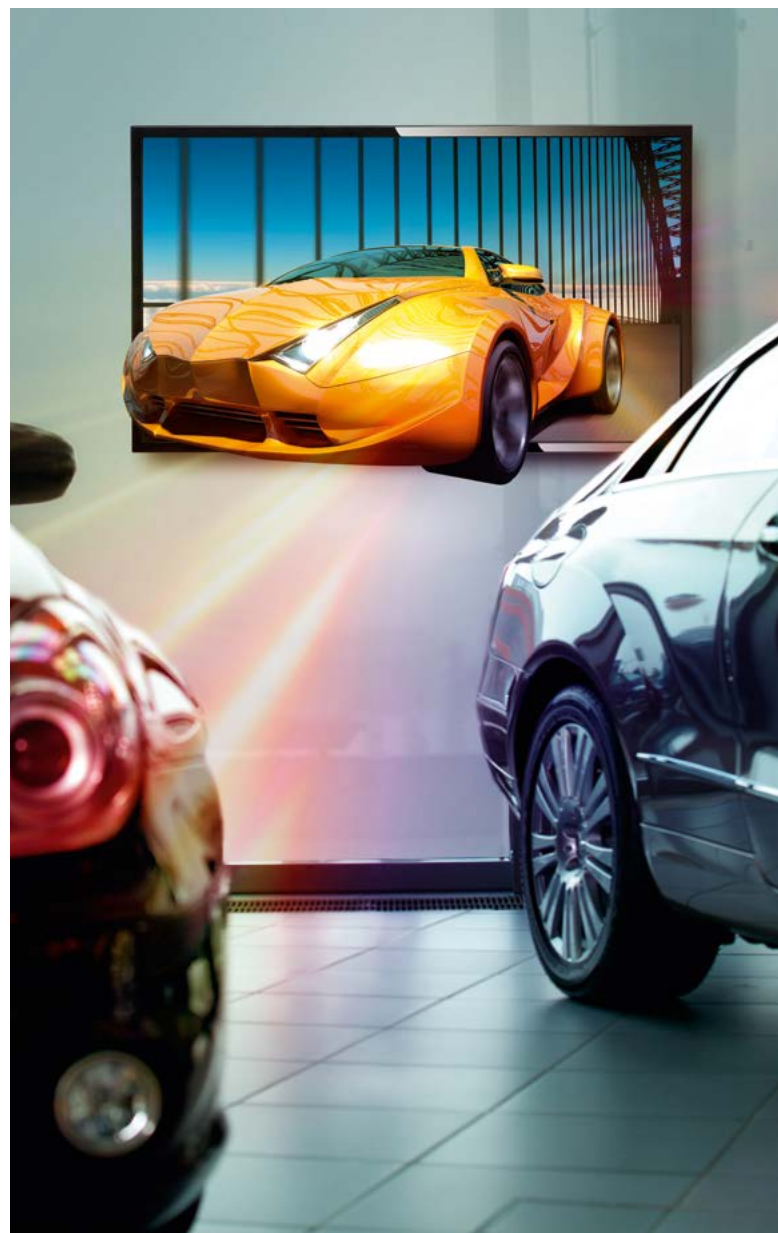
- Designed for 24/7 operation
- Optical bonding process for high contrast and bright colours
- Adjustable pop-out effects to optimise 3D effect

Stunning 3D experience

- 3D content visualisation
- 3D and 2D dual mode display
- 3D system solution



50"



Specifications

>	Q-line					E-line				
Model	BDL3220QL	BDL4220QL	BDL4620QL	BDL5520QL	BDL6520QL	BDL3260EL	BDL4260EL	BDL4660EL	BDL4765EL	BDL5560EL
Picture / Display										
Diagonal Size	32 inch	42 inch	46 inch	55 inch	65 inch	32 inch	42 inch	46 inch	47 inch	55 inch
Backlight Type	E-LED					E-LED				
Panel Technology	MVA	MVA	MVA	IPS	SMVA	IPS	IPS	AMVA	IPS	IPS
Resolution	1920 x 1080p					1920x1080p				
Brightness	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	360 cd/m ²	400 cd/m ²	450 cd/m ²	500 cd/m ²	450 cd/m ²	450 cd/m ²
Contrast Ratio	3000:1	3000:1	4000:1	1400:1	4000:1	1300:1	1300:1	4000:1	1300:1	1300:1
Dynamic Contrast Ratio	500,000:1					500,000:1				
Response Time	6.5 ms	6.5 ms	8 ms	8 ms	8 ms	25 ms	12 ms	6.5 ms	12 ms	12 ms
Aspect Ratio	16:9					16:9				
Viewing Angle	178° x 178°					178° x 178°				
Display Colours	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M	1073 M	1073 M	1073 M	1073 M
Placement	Landscape					Portrait, Landscape				
Touch Technology	-					OTE3204 Compatible	-			
Touch Points	-					-				
Features										
SmartCollection	SmartPower, SmartControl, SmartPlayer, HTML5-browser, SmartConnect, SmartCMS					SmartPower, SmartControl, Failover, D-Image, SmartPlayer, HTML5-browser, SmartConnect, OPSinsert (>42"), SmartInsert, SmartCMS, Color Calibration Kit				
Energy Efficiency										
Mains Power	100 ~ 240 VAC					100 ~ 240 VAC, 50 ~ 60 Hz				
Consumption (Energy Star 6.0 Test Method)	36W	55W	60W	70W		48.57W	104.49W	93.26W	85.51W	122.52W
Standby Mode	<0.5W					<0.5W				
Connectivity										
video	input	1x HDMI, 1x VGA, 1x YPbPr, 1x DVI-D, 1x USB 2.0, 1x composite (share with YPbPr)				1x VGA, 1x DVI-D, 1x Display port, 1x Composite, 1x Component, 2x HDMI	1x VGA, 1x DVI-D, 1x USB 2.0, 1x Display port, 1x Composite, 1x Component, 2x HDMI			
	output	No				1x DVI-I, 1x VGA (via DVI-I), 1 x DP	1x DVI-I, 1x VGA (via DVI-I), 1 x DP			
audio	input	1x RCA jack, 1x 3.5 jack				1x 3.5mm jack, 1x Audio L/R (RCA)	1x 3.5mm jack, 1x Audio L/R (RCA)			
	output	1x SPDIF, 1x 3.5 jack				1x Audio L/R (RCA), 1x external speaker terminal	1x Audio L/R (RCA), 1x external speaker terminal			
	internal speakers	2x 5W RMS	2x 7W RMS	2x 7W RMS	2x 7W RMS	2x 10 W (RMS)	2x 10 W (RMS)			
control	RS232 daisy-chain, RJ-45, HDMI CEC, IR loop-through				RS232 in/out, 1x RJ45, One wire (HDMI), Ir-out	RS232 in/out, 1x RJ45, One wire (HDMI), Ir-out				
Physical Specifications										
Set Dimensions in mm (WxHxD)	745.0 x 439.5 x 39.8 mm	980.4 x 572.9 x 38.5 mm	1068.0 x 622.5 x 38.8 mm	1264.7 x 735.5 x 42.8 mm	1450.48 x 828.52 x 61.5 mm	750.2 x 444.6 x 69 mm	965.8 x 558.8 x 69 mm	1052.7 x 607.3 x 69 mm	1069.3 x 613.5 x 54.9 mm	1247.0 x 717.8 x 70 mm
Display Weight in Kg	6.53 Kg	11.9 Kg	13.7 Kg	17.86 Kg		11.4 Kg	18.3 Kg	22 Kg	18.2 Kg	30.3 Kg
Bezel Width in mm	19 mm	19.7 mm	19.7 mm	24 mm	7.5 (Top/Left/Right) 10.5 (Bottom)	24.4 mm	15.8 mm	15.8 mm	9.9 mm	15.8 mm
VESA Mount in mm	200x100	400x400	400x400	400x400	400x400	400x200	400x200, 200x200	400 x400, 400x200, 200x200	400x200	400x400, 400x200, 200x200
Smart Insert Mount						100x100	100x100, 200x100	100x100, 200x100	100x100, 200x100	100x100, 200x100
Table Stand (optional)	BM02541	BM02542	BM02542	BM02542	N/A	BM02541	BM02542			
Convenience										
Service & Warranty	3 years					3 years				
MTBF	50,000 hrs					50,000 hrs				

V-line			X-line				T-line			
BDL4280VL	BDL4680VL	BDL5580VL	BDL4678XL	BDL4677XH	BDL5588XL	BDL5588XH	OTE3204	BDL4256ET	BDL5556ET	BDL6526QT
42 inch	46 inch	55 inch	46 inch	46 inch	55 inch	55 inch	32 inch	42 inch	55 inch	65 inch
E-LED			D-LED				Multi-Touch Overlay	E-LED		
IPS	AMVA	AMVA	SVA	SVA	IPS	IPS		IPS	SMVA	
1920 x 1080p			1920x1080p					1920x1080p		
700 cd/m ²			500 cd/m ²	700 cd/m ²	500 cd/m ²	700 cd/m ²	450 cd/m ²	450 cd/m ²	360 cd/m ²	
1300:1	4000:1	4000:1	3500:1	3500:1	1400:1	1400:1 typ	1300:1	1300:1	4000:1	
500,000:1			500,000:1				500,000:1			
12 ms	6.5 ms	12 ms	8 ms	8 ms	12 ms	12 ms	12ms	12ms	8 ms	
16:9			16:9				16:9			
178° x 178°			178° x 178°				178° x 178°			
1073 M	1073 M	1073 M	16.7 M	16.7M	1073 M	1073 M		1073 M	1073 M	16.7 M
Portrait, Landscape			Portrait, Landscape				Portrait, Landscape			Landscape
-			-				Infrared	Optical		Optical-Antiglare
-			-				4 Touch Points	6 Touch Points		
SmartPower, SmartControl, Failover, D-Image, SmartPlayer, HTML5-browser, SmartConnect, OPSinsert, SmartInsert, SmartCMS, Color Calibration Kit			Color Calibration Kit, SmartPower, SmartControl, OPSinsert		Color Calibration Kit, SmartPower, SmartControl, Failover, SmartPlayer, OPSinsert		Plug&Play Touch (HID Compliant)	Plug&Play Touch (HID Compliant), Failover, D-Image, Smart Insert, OPSinsert		Plug&Play Touch, SmartPower, SmartControl, SmartPlayer
100 ~ 240 VAC, 50 ~ 60 Hz			90 ~ 240 VAC, 50 ~ 60 Hz				90 ~ 240 VAC, 50 ~ 60 Hz			
97.54W	92.41W	110W	75W	95W	110W	175W		95W	110W	
< 0.5W			< 0.5W				< 0.5W			
1x VGA, 1x DVI-D, 1x USB 2.0, 1x Display port, 1x Composite, 1x Component, 2x HDMI			1x VGA, 1x DVI-D, 1x DP, 1x Component, 1x HDMI		1x VGA, 1x DVI-D, 1x Display port, 1x Composite, 1x Component, 2x HDMI			1x VGA, 1x DVI-D, 1x Composite, 1x Component, 1x HDMI, 1x Display Port		
1x DVI-I, 1x VGA (via DVI-I), 1x DP			1x DVI-D/ VGA		1x DVI-I, 1x VGA (via DVI-I), 1x DP			1x DVI-I		1x DVI-I, 1x VGA (via DVI-I), 1x DP
1x 3.5mm jack, 1x Audio L/R (RCA)			1x 3.5mm jack, 1x Audio L/R (RCA)				1x 3.5mm jack, 1x Audio L/R (RCA)			
1x Audio L/R (RCA), 1x external speaker terminal			1x Audio L/R (RCA), 1x external speaker terminal				1x Audio L/R (RCA), 1x external speaker terminal			
2x 10 W (RMS)			2x 10W (RMS)				2x 10W (RMS)			
RS232 in/out, 1x RJ45, One wire (HDMI), Ir-out			RS232 (in/out), 1x RJ45, IR (in/out)		RS232 in/out, 1x RJ45, One wire (HDMI), Ir-out		USB	RS232 in/out, 1x RJ45		RS232 in/out, 1x RJ45, One wire (HDMI), Ir-out
965.8 x 558.8 x 69 mm	1052.7 x 607.3 x 69 mm	1244.4 x 715.2 x 69 mm	1023.98 x 578.57 x 125.7 mm	1023.98 x 578.57 x 108.1 mm	1213.4 x 686.9 x 103.35 mm	1213.4 x 686.9 x 103.35 mm	759.6 x 454.2 x 48.0 mm	976.16 x 569.5 x 79.8 mm	1257.3 x 728.1 x 79.0 mm	1488.4 x 863.4 x 78.1 mm
18.3 Kg	22.0 Kg	30.2 Kg	23 Kg		29.2 Kg		4.62 Kg	24.75 Kg	43.0 Kg	
15.8 mm			5.5 mm A-to-A		3.5 mm A-to-A			19.5 mm	19.5 mm	26.2 mm
400x200, 200x200			400x200, 200x200		400x400		400x200	400 x 200, 200 x 200	400x400, 400x200, 200x200	400 x 400
100x100, 100x200			No		100x100, 200x100		100x100	100x100, 200x100 mm	100x100, 200x100	100x100, 200x100
BM02542			BM05462				BM02541	BM05462		N/A
3 years			3 years				3 years			
50.000 hrs			50.000 hrs				50.000 hrs			

