

## MultiSync® E656

### LCD 65" Entry Level Large Format Display

## Datasheet



### Enter the world of professional signage

In a digitised world, signage no longer is static. Information transfer via digital posters and information boards are common methods of information transfer. With E656 you can boost your business at low TCO, but with high reliability. Information where the audience stands close is perfectly transferred on this 65" screen. With the integrated media player, the display is designed for simple signage usage directly from a USB drive and once installed starts playing the content automatically at a certain time with the embedded autostart time schedule function. In this way the display helps you saving time and money. The 65" display of the 6<sup>th</sup> generation of our E Series is the perfect choice for essential applications in Retail Signage, Restaurants and Manufacturing & Engineering.

### Benefits

**Reduced Installation and Operating Costs** – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.

**Slim Design and Integrated Speakers** – the aesthetic design is pleasing to the eye and enables easy, low cost installation.

**Future Ready Connectivity** – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

### Product Information

Product Name	MultiSync® E656
Product Group	LCD 65" Entry Level Large Format Display
Order Code	60004024

### Display

Panel Technology	S-PVA with direct LED backlight
Active Screen Area (W x H) [mm]	1,429 x 804
Screen Size [inch/cm]	65 / 165
Aspect Ratio	16:9
Brightness [cd/m <sup>2</sup> ]	350

Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 20:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
Haze Level [%]	Standard (2)
Supported Orientation	Landscape

### Synchronisation Rate

Horizontal Frequency [kHz]	31 - 83 (analog and digital)
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### Resolution

Native Resolution	1920 x 1080
Supported Resolutions	1920 x 1080; 1280 x 1024; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 640 x 480
Supported on HDMI only	1080p (60 Hz); 1080p (30 Hz); 1080p (24 Hz); 1080p (0 Hz); 1080i (50 Hz); 1080i (60 Hz); 720p (60 Hz); 720p (50 Hz); 576p (50 Hz); 576i (50 Hz); 480p (60 Hz); 480i (60 Hz)

### Connectivity

Input Video Analogue	1 x VGA; Component (RCA); Composite (RCA)
Input Video Digital	3 x HDMI
Input Audio Digital	3 x HDMI
Output Audio Digital	1 x SPDIF
Remote Control	Remote Control IR; RS-232C (9-pin D-sub) Input

### Electrical

Power Consumption [W]	116 shipping
Power Savings Mode [W]	< 0.5 (ECO Standby)
Power Management	VESA DPMS

### Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	10 to 80
Storage Humidity [%]	5 to 85
Storage Temperature [°C]	-10 to +60

### Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,460 x 835 x 90
Weight [kg]	Without stand: 23.5
Bezel Width [mm]	13.9 (left, right and top); 14.9 (bottom)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M6

### Additional Features

Special Characteristics	Audio settings with equalizer; Colour temperature mode; Energy saving picture mode; Mac and Windows compatible; Retail picture mode; Scheduler; USB Media Player
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; EAC; Energy Star 7.0; FCC Class B; PSB; REACH; RoHS; SASO; UL/C-UL or CSA
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	Display; Foot; Power Cable; Remote Control; VGA cable
Warranty	3 years warranty incl. backlight

**Available Options**

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Accessories	Feet (ST-65E2); Trolley (PDMHM-L); Wall mount (PDW S 32-55L)
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**MediaPlayer**

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Supported Video Container Formats	MPG, MPEG, MPEG2-TS, MPEG2-PS, MP4, MKV, AVI, Motion JPEG
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Supported Video Codecs	MPEG1, MPEG2, H-264, JPEG
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Supported Audio Codecs (Video)	MPEG Audio Layer 2, MPEG Audio Layer3, AC-3
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**Green Features**

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Energy Efficiency	Annual energy consumption: 173 kWh (based on 4 operating hours per day); Energy efficiency class: A
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Ecological Standards	EnergyStar 7.0
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