

MultiSync® E328-2

LCD 32" Essential Large Format Display

Datasheet



Functionality you need, at the price you want

A professional solution for low-budget applications, the E series forestalls the lure of domestic TVs which are not fit-for-purpose. Designed for the rigours of commercial usage, the E Series delivers the functionality and reliability you need, at the price you want.

An integrated MediaPlayer supports native UHD resolution and High Dynamic Range (HDR) for deep contrasts and natural looking content playback with auto-play function. Requiring no additional cables, external devices or signage software, the USB MediaPlayer enables a simple seamless professional signage solution. Meanwhile, a 10W USB interface supports connection of external devices should additional computing power be required.

For instant start-up in meeting spaces, inputs are detected automatically with easy switching between HDMI sources. Facilities managers will welcome the ability to remotely control their digital estate via the network thanks to the integrated LAN and NEC's NaviSet Administrator 2 functionality making the E Series the perfect choice for corporate meeting rooms and entry level digital signage.

Benefits

Class-leading Readability – with 400cd/m² brightness and a professional 28% high haze finish, the E328-2 delivers digital signage content that is always viewable and makes an impact.

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.

Effortless content playback – the integrated USB media player supports various image video file formats for effortless and standalone content playback.

Standalone operation – the display is designed for straightforward standalone operation due to integrated USB media player, speakers and scheduling functionality.

Product Information	
Product Name	MultiSync® E328-2
Product Group	LCD 32" Essential Large Format Display
Order Code	E328-2

Display

Panel Technology	IPS with Direct LED backlights		
Active Screen Area (W x H) [mm]	698 x 393		
Screen Size [inch/cm]	31.5 / 80		
Aspect Ratio	16:9		
Pixel Pitch [mm]	0.364		
Brightness [cd/m²]	400		
Contrast Ratio (typ.)	1100:1 (Dynamic Contrast Ratio 3000:1)		
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)		
Colour Depth [million]	16.78 (8bit)		
Response Time (typ.) [ms]	8		
Panel Refresh Rate [Hz]	60		
Haze Level [%]	Pro (28)		
Supported Orientation	Landscape and Portrait		

Synchronisation Rate

Horizontal Frequency [kHz]	15 - 136		
Vertical Frequency [Hz]	24 - 75		

Resolution

Native Resolution	1920 x 1080		
Supported Resolutions	1920 x 1200; 1920 x 1080;	1280 x 720; 720 x 576;	720 x 480; 640 x 480

Connectivity

Input Video Analogue	1 x VGA; Component (RCA); Composite (RCA)		
Input Video Digital	3 x HDMI		
Input Audio Analogue	1 x 3.5 mm jack		
Input Audio Digital	3 x HDMI		

Input Control	LAN 100Mbit; RS232
Input Data	1 x USB 2.0 (MediaPlayer); 1 x USB Typ-C (5V/3A, power for external devices)
Output Audio Analogue	1 x 3.5 mm jack
Output Audio Digital	1 x SPDIF
Remote Control	Remote Control IR; RS-232C (9-pin D-sub) Input

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Temperature Sensor	Integrated, 1 sensors, triggered actions programmable

Electrical

Power Consumption Eco/max. [W]	33 shipping
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Supply	100-240 V AC; 50/60 Hz; internal

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: 726.6 x 422.4 x 67.1
Weight [kg]	Without stand: 5.7
Bezel Width [mm]	12.5 (left, right and top); 13.9 (bottom)
VESA Mounting [mm]	100 x 100 (FDMI); 4 holes; M6

MediaPlayer

Supported File Storage / File System	USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640
Supported Video Formats	MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s

Available Options

Accessories

Green Features

Energy Efficiency	Energy consumption: 27 kWh/1000 h; Energy efficiency class: F; LED backlight
Ecological Standards	EnergyStar 8.0

Additional Features

Special Characteristics	Ambient Light Sensor; Audio settings with equalizer; CEC Support; Colour temperature mode; Display Browser Control; Energy saving picture mode; Mac and Windows compatible; NaViSet Administrator 2; Powered USB-Port; Retail picture mode; Scheduler; SNMP Support; USB Media Player
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	Energy Star 8; FCC; PSB; RCM; TÜV S; UL/C-UL; VCCI
Audio	Integrated Speakers (5 W + 5 W)
Shipping Content	2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual
Warranty	3 years warranty incl. backlight
Operating Hours	16/7



RCM



VCCI

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