

MultiSync® PA311D
LCD 32" Professional Display

Preliminary Datasheet

Benefits

Ambient Light Sensor - with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Enhanced imaging performance - advanced settings of all relevant visual parameters for full control of brightness, colour, gamma and uniformity with Spectraview Engine.

Ergonomic Office - full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Stunning "pixel-free" ergonomic viewing - delivered by an Ultra High Definition (4096 x 2,160) Professional LED backlit 10-bit IPS type LCD panel with IGZO technology.

Reliable colour reproduction - due to 10-bit colour performance, wide gamut covering 99 % of AdobeRGB, and hardware calibratable 14-bit LUT for accurate image presentation.

Uncompromising Image Quality - full colour control thanks to 10-bit IPS, Digital Uniformity Control, 14-bit hardware LUT, SpectraView Engine performance and SpectraView II calibration control.

Advanced Picture by Picture - simultaneously show up to 4 different video inputs.

Product Information

Product Name	MultiSync® PA311D
Product Group	LCD 32" Professional Display
Order Code	60004941

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	31 / 80
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.18
Brightness (typ.) [cd/m ²]	350
Contrast Ratio (typ.)	1500:1
Response Time (typ.) [ms]	(TBD)
Colours [Billion]	1.074 (10-bit per colour)

Synchronisation Rate

Horizontal Frequency [kHz]	15 - 130
Vertical Frequency [Hz]	24 - 85

Resolution

Optimum Resolution	4096 x 2160 at 60 Hz			
Supported	3840 x 2160 (24/25/ 30/60 Hz); 3480 x 2160; 2560 x 1600;	2560 x 1440; 1920 x 1080 (50/60 Hz); 1600 x 1200;	1440 x 900; 1280 x 1024; 1024 x 768 (60/70/75 Hz);	800 x 600; 720 x 400; 640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x USB Type C; 2 x HDMI 2.0; USB ver. 3.0 (3 down / 3 up)
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Electrical

Power Consumption on Mode [W]	(TBD) (Eco Mode); (TBD) (typ.); 208 (max.)
Power Supply	1 A/2.4 A; 100-120 V/220-240 V; internal power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-20 to 60

Ergonomics

Height adjustable stand [mm]	150
Screen Tilt [°]	-5 to +30
Screen Swivel [°]	-45 to +45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	19.3 (left and right); 22.1 (top and bottom)
Dimensions (W x H x D) [mm]	737.9 x 433.2 - 583.2 x 301.6 (Landscape mode)
Weight [kg]	With stand: 14.9; Without stand: 8.6

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Auto Black Level; Auto Brightness; Backlight Sensor; Carbon Footprint Meter; Carbon Savings Meter; Cost Meter; DICOM Simulation; Digital Uniformity Control (ColorComp); DisplayPort; ErgoDesign®: Height adjustable stand (150 mm), swivel (45°), and portrait (90°); GammaComp (14-bit Look Up Table and 16-bit processing); LED Backlight Technology; NaViSet Administrator 2; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; RapidMotion; Self Diagnostics; TORO™ Design; USB ver. 3.0 (3 down / 2 up); Versatile installation (VESA standard), with integrated speakers (2+2 W)
Colour Versions	Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	DDC2B/2Bi; EDID Standard; VESA DDC/CI
Audio	Headphone Jack; Integrated Speakers (2 W + 2 W)
Adjust Functions	Auto Adjust; Brightness; Colour Temperature Control; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; Volume
Shipping Content	DisplayPort cable; DisplayPort to Mini DisplayPort cable; Monitor; Power Cable; USB Cable Signal Cable: DisplayPort; Mini DisplayPort
Safety and Ergonomics	CE; EAC; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TÜV GS; WEEE
Warranty	3 years warranty incl. backlight
Optional Accessories	MDSVSENSOR 3

Green Features

Energy Efficiency	Ambient light sensor; Auto brightness; Energy efficiency class: (TBD); Human sensor; LED backlight technology
Ecological Standards	ErP compliant; RoHS compliant; WEEE



CE



ErP



RoHS



TÜV GS

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