



PN-46

A 46" LED-backlit, ultra slim bezel display that blends immaculately into the background of digital signage and demanding industrial settings.

With a super-slim bezel, the PN-46 makes a new paradigm of seamless integration. Coming with 700 nits high brightness, this Full HD 1920 x 1080 display readily fits its designated environment. Coupled with an OPS slot that makes possible media player integration, tiling function and a built-in scheduler justify its competence for a wide variety of digital signage applications. The possibility of either landscape or portrait orientation brings user freedom in fitting whatever setting is intended. Built on durable metal housing, it also features Anti-Burn-in™ and HeatControl Sensor technologies that ensure reliable performance in 24/7 surroundings.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 700 nits high brightness
- > Industrial-grade panel for high reliability and long product lifetime
- > 1.8 mm (down/right); 3.2 mm slim bezel (up/left)
- > Anti-Burn-in™ technology
- > AIP technology: 3D Comb filter/ Deinterlace/ Noise Reduction/ PIP and PBP
- > Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, S-Video
- > Daisy chain availability: VGA, CVBS, RS-232
- > RS-232 and RJ45 allow programmable remote control
- > Tiling function for easy video wall setup (support up to 5 x 5)
- > Built-in scheduler allows different programme scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > OPS slot ready for easy media player integration
- > Orientation: portrait and landscape
- > Built-in speakers
- > Durable metal housing design
- > Rigorous screening of the components for mission-critical 24/7 applications



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Specifications

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Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time (GTG)	LED-Backlit TFT LCD (MVA panel) 46" FHD 1920 x 1080 0.53 mm 700 cd/m ² (Typical) 4000 : 1 (Typical) 178°/178° (Typical) 1.07 B 6.5 ms
Frequency (H/V)	H.Freq V.Freq	31kHz ~ 91kHz 50Hz ~ 85Hz
Input	VGA DVI HDMI CVBS Component (YPbPr) S-Video	15-Pin D-Sub 24-Pin DVI-D HDMI BNC BNC x 3 4-Pin Mini DIN
Output	VGA CVBS	15-Pin D-Sub BNC
External Control	RS-232 in/out RJ45	9-Pin D-Sub RJ45
Audio Out	Audio In Audio Out Internal Speaker External Speaker Out	1 x Stereo audio in for PC (audio jack, 3.5ø) 2 x Stereo audio in (RCA) 1 x Stereo audio out (RCA) 10W x 2 10W x 2
Other Connectivity	OPS Slot	Yes
Power	AC-DC Adapter Power Consumption	Internal 100 - 240V, 50 - 60Hz < 220W (On) < 0.5W (Active Off/Off)
Operating Conditions	Temperature Humidity	0°C ~ 40°C (32°F~104°F) 20%~80% (No condensation)
Storage Conditions	Temperature Humidity	-20°C ~ 60°C (-4°F~140°F) 5%~95% (No condensation)
Mounting	VESA FPM PMI	Yes (400mm x 200mm & 200mm x 200mm)
Dimensions	w/o base (W x H x D) w base (W x H x D) Packaging (W x H x D)	1024 x 578 x 126 mm (40.3" x 22.8" x 5.0") 1024 x 616 x 330 mm (40.3" x 24.3" x 13.0") 1240 x 821 x 282 mm (48.8" x 32.3" x 11.1")
Weight	w/o base w base Packaging weight	24.3 kg (53.5 lbs) 26.0 kg (57.2 lbs) 31.5 kg (69.3 lbs)
Regulation Approval	Certifications & Compliance	CB, CE, FCC, CEL, CCC, RoHS, WEEE, REACH
Accessories	Supplied	CD ROM (user manual), Remote control with AAA batteries, Power cord, 15-Pin D-Sub cable, Power switch cover and screw, Cable tie



Seamless integration made possible by an ultra slim bezel.



Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, S-Video.



Tiling function and a built-in scheduler easily allow a video wall matrix in up to 5 x 5 configurations.



OPS compliant design simplifies digital signage installation and maintenance.

