LED

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
> Premium-grade panel for high reliability and long product lifetime
> 2.0 mm (down/right); 3.4 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

Anti-Burn-in™

AIP
ADVANCED
Image Platform

PN-46

Specifications		PN-46
Panel	Panel Type	LED-Backlit TFT LCD (MVA panel)
	Panel Size	46"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.53 mm
	Brightness	700 cd/m² (Typical)
	Contrast Ratio	4000 : 1 (Typical)
	Viewing Angle (H/V)	178°/178° (Typical)
	Display Colour	1.07 B
	Response Time (GTG)	6.5 ms
Frequency (H/V)	H.Freq	31kHz – 91kHz
	V.Freq	50Hz – 85Hz
Input	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	HDMI	HDMI
	CVBS	BNC
	Component (YPbPr)	BNC x 3
	S-Video	4-Pin Mini DIN
Output	VGA	15-Pin D-Sub
	CVBS	BNC
External Control	RS-232 in/out	9-Pin D-Sub
	RJ45	RJ45
Audio	Audio In	1 x Stereo audio in for PC (audio jack, 3.5ø)
		2 x Stereo audio in (RCA)
	Audio Out	1 x Stereo audio out (RCA)
	Internal Speaker	10W x 2
	External Speaker Out	10W x 2
Other Connectivity	OPS Slot	Yes
Power	Power Supply	Internal
	Power Requirements	100 - 240V, 50 - 60Hz
	Consumption	< 220W (On)
		< 0.5W (Active Off/Off)
Operating Conditions	Temperature	0°C – 40°C (32°F~104°F)
	Humidity	20%~80% (No condensation)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F~140°F)
	Humidity	5%~95% (No condensation)
Mounting	VESA FPMPMI	Yes (400 x 200mm & 200 x 200mm)
Dimensions	w/o base (W x H x D)	1024 x 578 x 126 mm (40.3" x 22.8" x 5.0")
	w base (W x H x D)	1024 x 616 x 330 mm (40.3" x 24.3" x 13.0")
	Packaging (W x H x D)	1240 x 821 x 282 mm (48.8" x 32.3" x 11.1")
Weight	w/o base	24.3 kg (53.5 lbs)
	w base	26.0 kg (57.2 lbs)
	Packaging weight	31.5 kg (69.3 lbs)
Regulation Approval	Certifications & Compliance	CB, CE, FCC, CEL, CCC, RoHS, WEEE, REACH, GOST-R
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.

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