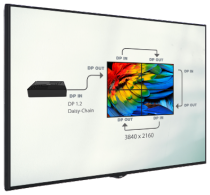
Digital Signage Displays

PN50B-4H

Key Features



Daisy Chain

The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.

Usb Security

This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.

Usb Auto-Play

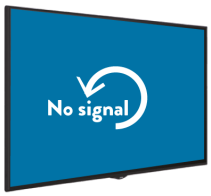
You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.

Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, detachable power plug and IR extender.

SoC Content Management

With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.



Signal Failover

Our displays have a protection for "No Signal". If the source is disconnected, the display will either show your customized banner or search for any other signal from video sources. Since blank screen is the worst case scenario for advertisement, failover is one of the critical feature in our signage displays.

Display

Screen Size	50"	Backlight Type	Slim DLED
Brightness (typical)	500 cd/m²	Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	5000:1(typ.)	Dynamic Contrast Ratio	50000:1
Panel Life Time (Min.)	50000 Hrs	Response Time (typical)	9.5 ms
Active Area (H x V)	1095.84 x 616.41	Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07B	Screen Treatment	3H
Haze Level	3%	Refresh Rate	60Hz
Orientation	Landscape / Portrait	Operation Hours	24 / 7
Area of Usage	Indoor		

Built-in System

Mainboard Model	17MB135VS

Rear I/Os

RGB Input	VGA(DE-15F)	RGB Output	N/A
Video Input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	Video Output	HDMI2.0,
Audio Input	Line In L/R	Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	External Sensor	RJ12

Mechanical

Product Dimensions (WxDxH)	1121 x 83 x 646 mm with OPS/SDM 1121 x 63 x 646 mm without OPS/SDM	Package Dimensions (WxDxH)	1215 x 165 x 775
Product Weight	12.8 kg	Package Weight	16.8 kg
Vesa Mounting	200 mm(W) x 200 mm(H) M6	Bezel Width	9/9/9/13 mm

Environmental Conditions

Operating Temperature	0-40°C	Operating Humidity	10-90%

Power

Power Supply	110 VAC - 240 VAC - 50/60 Hz

Power Consumption

Typical	121 W	Maximum	160 W
Deep Standby	≤0.5 W		

Features

Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock	Mechanical Features	Joystick, Rocker Switch, Detachable Power Cable, Dettachable Logo, Internal Usb Cover, 30-degrees Tilting Installation
Optional Features	SDM or OPS compatibility, Embedded IR, IR extender option	Speaker	2x10 W

Accessory

Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable

Certification

Safety	Yes	EMC	Yes
CE	Yes		