Digital Signage Displays
PD55U01

Key Features

Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. Upon this, the display will start with the given link. The application can either be an offline or an online application, allowing the customers to execute their own application.

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.
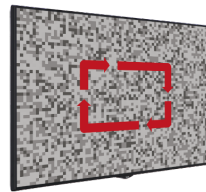

Operation Time Support

Professional Panels used with this series are quality confirmed to operate 24 hours a day without any issues. Our customers will experience the highest quality of our screens unlimited to any operation. Upon this, the series come with 400 Nits brightness levels suitable for medial indoor environment.

Source Switching

It is made available to set any Source on startup of the display. It can also be switched on any other signal source using scheduler and failover scenarios. This lets the users to freely control the process of their requirements allowing best user experience.

Pixel Shifting

Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move in an interval while causing no interference of visual experience.

Image Orientation

SoC Software lets you choose the orientation of the display menu easily. This feature is important for portrait usage of our professional panel monitors.

Panel

Screen Size	55"	Panel Technology	IPS
Backlight Type	Edge-Type LED	Brightness (typical)	400 cd/m²
Native Resolution	1920 x 1080 (16:9) - FHD	Contrast Ratio (typical)	1200:1
Dynamic Contrast Ratio	40000:1	Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	6 ms	Active Area (H x V)	1054 x 593 mm
Pixel Pitch (H x V)	0.630 x 0.630 mm	PPI (pixel per inch)	40
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	16.7 M (8-bit)
Screen Treatment	2H	Haze Level	1%
Refresh Rate	60 Hz	Front Type	Ultra Narrow Bezel
Orientation	Horizontal / Vertical	Operation Hours	24/7
Area of Usage	Indoor		

Built-in System

Mainboard Model	17MB120DSR3-DSOPT2

Monitor Connectivity

RGB Input	Dsub 15 PIN VGA CON., YPbPr	RGB Output	N/A
Video Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	Video Output	DP1.2a
Audio Input	LINE IN JACK	Audio Output	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	External Sensor	N/A

Mechanical

Product Dimensions (WxDxH)	1239 x 67 x 716 mm	Package Dimensions (WxDxH)	1369 x 145 x 874 mm
Product Weight	17.45 kg	Package Weight	21.65 kg
Vesa Mounting	400 x 400 mm	Bezel Width	B:18	T:11	L/R:11 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	56 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	Mechanical Features	Mechanical Buttons, IR Extender Support
Speaker	2 X 10W		

Accessory

Standard	QSG, IB, Remote Control, RC Battery, Mounting Kit

Certification

Safety	YES	EMC	YES
CE	YES		