PD55U01

55" Professional Displays

SoC | 24h | (wifi) | 400 | landscape/portrait

IPS | Full HD 1080 | SS⟵ | HDMI | WiFi | Bluetooth | Miracast

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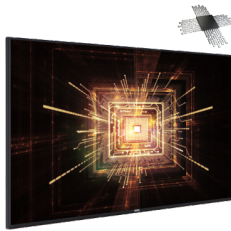
HIGHLIGHTED FEATURES

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.

Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is desirable for its thinnest depth among our digital signage displays.

Built-in Connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to the wireless capabilities, the displays can easily gather its content without any external device. Moreover, WiFi allows screen sharing to be enjoyed with Miracast.

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.
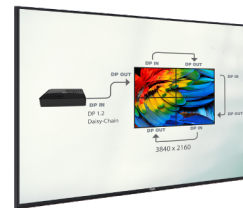

Open Platform Support

Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based to be installed and used on our displays.

Display Control

Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

FEATURES

External Device Connections
You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

Signal Failover
Our SoC Software has a protection for "No Signal" scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher user 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.

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.

Source Switching (PD)
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.

Scheduler
Digital Signage Monitor Software allows many important features such as Scheduler. Scheduler sets your display turn on/off time easily and lets you not to worry about the status of your displays in any time.

Longer Life Span
Our Professional Panel Display series come with a longer life span coming with a MTBF (mean time between failures) of 100.000 hours, guaranteeing the highest panel quality making them more suitable for 24/7 type utilisation.

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.

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.

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.

PD55U01

VESTEL

PANEL

Mainboard Model	17MB120DSR3-DSOPT2
H-Freq	67.5 kHz
Max. Pixel Freq.	74.25 MHz
V-Freq	60 Hz
Size	55"
Backlight Type	EDGE TYPE LED
Panel Technology	IPS
Panel Type	24/7 Panel
Front Type	Ultra Narrow Bezel
Orientation	Horizontal / Vertical
Resolution	1920 x 1080 (16:9) - FHD
Active Area	1054 mm (H) x 593 mm (V)
Brightness (Cd / M2)	400
Contrast Ratio	1200
Panel Life Time (Min.)	50000 Hr
Viewing Angle	178°
Response Time	6 ms
Color Value	8 Bit, 16.7 M Colors
Areas of Usage	Indoor

MECHANICAL

Size	1239 mm(L) x 716 mm(H) x 67 mm(D)
Shipping Size	1369 mm(L) x 145 mm(W) x 874 mm(H)
Weight	17.00 KG
Shipping Weight	20.95 KG
Vesa Mounting Size	400 mm(H)x 400 mm(V)
Bezel Width	18mm / 11 mm

FEATURES

Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Mechanical Buttons, IR Extender Support
Speaker	2 X 10W

ACCESSORY

Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit

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

WORKING CONDITIONS

Temperature Conditions	+40°C / 0°C
Humidity	90%

POWER

Power Supply	110 VAC - 240 VAC
Power Consumption (Deep Standby)	≤0.5W
Power Consumption (On Full Load)	107W

CERTIFICATION

Safety Approval	YES
CB	YES
S-Mark	YES
EMC Approval	YES
CE	YES
Reability Approval	YES

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