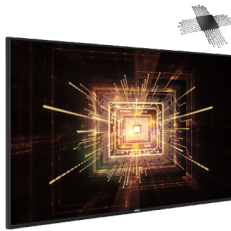




55" Professional High Bright Signage Displays



Key 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.



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.



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.



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, OPS-slot, detachable power plug, carrying handles and IR extender.



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.



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.

Touch Support

Our touch screens are compatible with this series. Infrared (IR) Touch Screens is designed to equip your current product with user-interactivity allowing the display to be smart display and many interactive applications to be enjoyed by the end users. The design also permits any person to overlay the touch screen on the display easily.

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.

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.

OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

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 700 Nits brightness levels suitable for bright indoor environment.

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.

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.

PANEL

Mainboard Model	17MB120DSR4-DSOPT5
H-Freq	67.5 KHz
Max. Pixel Freq.	74.25 MHz
V-Freq	60 Hz
Size	55"
Backlight Type	DLED
Panel Technology	IPS
Panel Type	24/7 PID Panel
Front Type	Ultra Narrow Bezel
Orientation	Horizontal & Vertical
Resolution	1920 x 1080 (16:9) - FHD
Active Area	1210 mm (H) x 681 mm (V)
Brightness (Cd / M2)	700
Contrast Ratio	1200
Dynamic Contrast Ratio	1M:1
Panel Life Time (Min.)	50000 Hr
Viewing Angle	178°
Response Time	9 ms
Color Value	8 Bit, 16.7 M Colors
Areas of Usage	Indoor

MECHANICAL

Size	1238mm (L) x 712mm (H) x 104mm (D)
Shipping Size	1369mm (L) x 874mm (H) x 165mm (D)
Weight	16.85 KG
Shipping Weight	21.20 KG
Vesa Mounting Size	400 mm(H)x 200 mm(V) M6
Bezel Width	14 mm / 11 mm / 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	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W

ACCESSORY

Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
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MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A
Video Input	1xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0, 1xUSB2.0(USB Cover)
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 (Off)	≤0.5W
Power Consumption (Active - StandBy)	14 W
Power Consumption (On Full Load)	54 W

CERTIFICATION

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

