



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.



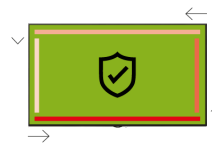
Display Control

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.



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.



Pixel Shifting

The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience.



Scheduler

The built in scheduler is one of the many important included features. The scheduler allows you to plan daily routines of when the display is powered on or off, along with selection of different sources or USB playlists.



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 | 65" | Panel Technology | IPS |
| Backlight Type | Slim DLED | Brightness (typical) | 700 cd/m² |
| Native Resolution | 3840 x 2160 (16:9) - UHD | Contrast Ratio (typical) | 1200:1 (typ.) |
| Dynamic Contrast Ratio | 70000:1 | Panel Life Time (Min.) | 50000 Hrs |
| Response Time (typical) | 8 ms | Active Area (H x V) | 1428.5 (H) × 803.5 (V) mm |
| Viewing Angle | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 | Color Value | 1.07G (8bits + FRC) |
| Color Gamut | 72% NTSC | Haze Level | 1% |
| Refresh Rate | 60 Hz | Orientation | Landscape / Portrait |
| Operation Hours | 24/7 | Area of Usage | Indoor |

Built-in System

| | | | |
|--------------------|--|------------------|--|
| Mainboard Model | 17MB400VS | Operating System | Custom OS (built on Android AOSP) |
| Memory | 2 GB DDR4 | Storage | 16 GB eMMC |
| Additional Storage | Micro SD (up to 1TB) | CPU | Quad-Core ARM Cortex-A55 |
| GPU | ARM Mali-G31 MP2 | Wired | 10/100 Mbps Ethernet, IEEE 802.1X Authentication |
| WiFi | WiFi 5 (802.11 a/b/g/n/ac), IEEE 802.1X Authentication | Bluetooth | BT 5.1 |
| HTML5 Browser | Vewd | Wireless Display | Miracast |

Rear I/Os

| | | | |
|-----------------|---|------------------|--|
| Video Input | 4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB | Video Output | 1xHDMI2.0 |
| Audio Output | Headphone, Optic SPDIF | External Control | RS232 (3.5mm jack green), Fast Ethernet (RJ45), Service (RJ12) |
| External Sensor | RJ12 | | |

Mechanical

| | | | |
|----------------------------|-------------------------|----------------------------|------------------------|
| Product Dimensions (WxDxH) | 1456 x 74 x 834 mm | Package Dimensions (WxDxH) | 1650 x 190 x 997 mm |
| Product Weight | 24.7 kg | Package Weight | 34.75 kg |
| Vesa Mounting | 600 (W) x 400 (H) mm M6 | Bezel Width | B: 14 mm, T/L/R: 10 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 | 194 W | Maximum | 220 W |
| Deep Standby | ≤0.5 W | | |

Features

| | | | |
|---------------|--|---------------------|--|
| Main Features | HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD and UI Rotation, Video Rotation, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, Crestron Connected, SNMP | Mechanical Features | Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover |
| | 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 | | |