



## PS-55

A 55" LED-backlit display designed with high brightness panel and OPS slot for professional digital signage environments.

Built on an LED-backlit panel with the capacity of 700 nits high brightness, the PS-55 reproduces life-like colours and image details without disturbance of ambient light. Designed to suit different environments, it can be displayed either landscape or portrait. Equipped with an OPS slot and RJ45/RS-232 remote control functions, the PS-55 is an ideal choice for easy media integration and maintenance. The Anti-Burn-in™ technology and HeatControl Sensor ensure the 24/7 round-the-clock performance in professional digital signage settings.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 700 nits high brightness
- > Premium-grade panel for high reliability and long product lifetime
- > Anti-Burn-in™ technology
- > AIP technology: 3D Comb Filter/ Deinterlace/ Noise Reduction/PIP and PBP
- > Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, DisplayPort
- > Daisy chain availability: VGA, DVI, RS-232
- > RS-232 and RJ45 allow programmable remote control
- > 15.8 mm bezel width and tiling function for easy video wall setup (support up to 5 x 5)
- > Built-in scheduler allows different programme scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > OPS slot ready for easy media player integration
- > Built-in speakers
- > Quick switch between internal and external speakers
- > Flexible display orientation: portrait and landscape
- > Rigorous screening of the components for mission-critical 24/7 applications



# PS-55

## Specifications

## PS-55

|                             |  |  |
|-----------------------------|--|--|
| <b>Panel</b>                | Panel Type<br>Panel Size<br>Max. Resolution<br>Pixel Pitch<br>Brightness<br>Contrast Ratio<br>Viewing Angle (H/V)<br>Display Colour<br>Response Time (GTG) | LED-Backlit TFT LCD (MVA panel)<br>54.6"<br>FHD 1920 x 1080<br>0.63 mm<br>700 cd/m <sup>2</sup> (Typical)<br>4000 : 1 (Typical)<br>178°/178° (Typical)<br>1.07 B<br>6.5 ms |
| <b>Frequency (H/V)</b>      | H.Freq<br>V.Freq   | 31kHz – 92kHz<br>48Hz – 85Hz   |
| <b>Input</b>                | VGA<br>DVI<br>HDMI<br>Component (YPbPr)<br>CVBS<br>DisplayPort   | 15-Pin D-Sub<br>24-Pin DVI-D<br>HDMI<br>BNC x 3<br>BNC<br>DisplayPort  |
| <b>Output</b>               | DVI/VGA  | 29-Pin DVI-I   |
| <b>External Control</b>     | RS-232 in/out<br>RJ45  | 9-Pin D-Sub<br>RJ45  |
| <b>Audio</b>                | Audio In<br><br>Audio Out<br>Internal Speaker<br>External Speaker Out  | 1 x Stereo audio in for PC (audio jack, 3.5ø)<br>1x Stereo audio in (RCA)<br>1 x Stereo audio out (RCA)<br>10W x 2<br>10W x 2  |
| <b>Other Connectivity</b>   | OPS Slot   | Yes  |
| <b>Power</b>                | Power Supply<br>Power Requirements<br>Consumption  | Internal<br>100 - 240V, 50 - 60Hz<br>< 245W (On)<br>< 0.5W (Active Off/Off)  |
| <b>Operating Conditions</b> | Temperature<br>Humidity  | 0°C ~ 40°C (32°F ~ 104°F)<br>20% ~ 80% (No condensation)   |
| <b>Storage Conditions</b>   | Temperature<br>Humidity  | -20°C ~ 60°C (-4°F ~ 140°F)<br>5% ~ 95% (No condensation)  |
| <b>Mounting</b>             | VESA FPMPI   | Yes (400 x 400mm/ 400 x 200mm/ 200 x 200mm)  |
| <b>Dimensions</b>           | w/o Base (W x H x D)<br>with Base (W x H x D)<br>Packaging (W x H x D)   | 1244 x 715 x 69 mm (49.0" x 28.1" x 2.7")<br>1244 x 771 x 400 mm (49.0" x 30.4" x 15.7")<br>1476 x 978 x 276 mm (58.1" x 38.5" x 10.9")                                    |
| <b>Weight</b>               | w/o Base<br>with Base<br>Packaging weight  | 30.6 kg (67.3 lbs)<br>32.6 kg (71.7 lbs)<br>36.1 kg (79.4 lbs)   |
| <b>Regulation Approval</b>  | Certifications & Compliance  | CB, CE, FCC, RoHS, WEEE, REACH, GOST-R   |
| <b>Accessories</b>          | Supplied<br><br>Optional   | CD ROM (user manual), Remote control with AAA batteries, Power cord, 15-Pin D-Sub cable, Power switch cover and screw, Cable tie<br>Stand base                             |



700 nits high brightness panel assures image clarity even under high-ambient light.



Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, DisplayPort, RS-232, RJ45 and audio.



The flexibility in display orientation—either landscape or portrait—means user freedom in fitting whatever setting.



OPS compliant design simplifies digital signage installation and maintenance.

