



LED 

## PN-55H

A 55" super narrow bezel display featuring 800 nits high brightness tailored for constructing video walls in professional digital signage environments.

Coming with the super narrow bezel and 800 nits high brightness, the PN-55H ensures clear image presentation even against strong ambient lighting environments. In addition to the built-in tiling function, DVI looping enables easy video wall installations. Equipped with RS-232/RJ45/IR remote controls and the programmable scheduler, the PN-55H can be activated remotely at preset time. Its Anti-Burn-in™ and HeatControl Sensor technologies ensure long product lifetime in professional digital signage and 24/7 industrial applications.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 800 nits brightness
- > Premium-grade panel for high reliability and long product lifetime
- > 1.9 mm (bottom/right); 3.4 mm (top/left) super narrow bezel
- > Anti-Burn-in™ technology
- > AIP technology: 3D Comb filter/ Deinterlace/ Noise Reduction/ PIP and PBP
- > Versatile connectivity: VGA in/out, DVI in/out, HDMI, DisplayPort, CVBS in/out, Component, S-Video
- > RS-232 in/out, RJ45 and IR in/out allow remote control
- > Tiling function for easy video wall setup (supports up to 10 x 10)
- > Built-in scheduler allows different programme scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > Orientation: portrait and landscape
- > Built-in speakers
- > Durable metal housing design
- > Rigorous screening of the components for mission-critical 24/7 applications



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## Specifications

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|                             |                                       |  |
|-----------------------------|---------------------------------------|--|
| <b>Panel</b>                | Panel Type                            | LED-Backlit TFT LCD (IPS panel)  |
|                             | Panel Size                            | 55"  |
|                             | Max. Resolution                       | FHD 1920 x 1080  |
|                             | Pixel Pitch                           | 0.63 mm  |
|                             | Brightness                            | 800 cd/m <sup>2</sup> (Typical)  |
|                             | Contrast Ratio                        | 1400 : 1 (Typical)   |
|                             | Viewing Angle (H/V)                   | 178°/178° (Typical)  |
|                             | Display Colour<br>Response Time (GTG) | 1.07 B<br>5 ms   |
| <b>Frequency (H/V)</b>      | H.Freq                                | 30kHz – 75kHz  |
|                             | V.Freq                                | 50Hz – 75Hz  |
| <b>Input</b>                | VGA                                   | 15-Pin D-Sub   |
|                             | DVI                                   | 24-Pin DVI-D   |
|                             | HDMI                                  | HDMI x 2   |
|                             | Display Port                          | Display Port   |
|                             | CVBS                                  | BNC  |
|                             | Component (YPbPr)<br>S-Video          | RCA<br>4-Pin Mini DIN  |
| <b>Output</b>               | VGA                                   | 15-Pin D-Sub   |
|                             | DVI                                   | DVI  |
|                             | CVBS                                  | BNC  |
| <b>External Control</b>     | RS-232 in/out                         | 9-Pin D-Sub  |
|                             | RJ45                                  | RJ45   |
|                             | IR in/out                             | 3.5ø Jack  |
| <b>Audio</b>                | Audio In                              | 1 x Stereo audio in for PC (audio jack, 3.5ø)<br>1 x Stereo audio in (RCA)                         |
|                             | Audio Out                             | 1 x Stereo audio out (RCA)   |
|                             | Internal Speaker                      | 12W x 2  |
|                             | External Speaker Out                  | 12W x 2  |
| <b>Power</b>                | Power Supply                          | Internal   |
|                             | Power Requirements                    | 100 - 240V, 50 - 60Hz  |
|                             | Consumption                           | < 340W (On)<br>< 0.5W (Active Off/Off)   |
| <b>Operating Conditions</b> | Temperature                           | 0°C ~ 40°C (32°F~104°F)  |
|                             | Humidity                              | 10%~90% (No condensation)  |
| <b>Storage Conditions</b>   | Temperature                           | -20°C ~ 60°C (-4°F~140°F)  |
|                             | Humidity                              | 10%~90% (No condensation)  |
| <b>Mounting</b>             | VESA FPM PMI                          | Yes (400 x 400mm)  |
| <b>Dimensions</b>           | w/o base<br>(W x H x D)               | 1215 x 686 x 115 mm<br>(47.8" x 27.0" x 4.5")  |
|                             | Packaging<br>(W x H x D)              | 1364 x 841 x 327 mm<br>(53.7" x 33.1" x 12.9")   |
|                             |                                       |  |
| <b>Weight</b>               | w/o base                              | 32.5 kg (71.5 lbs)   |
|                             | Packaging weight                      | 41.0 kg (83.6 lbs)   |
| <b>Regulation Approval</b>  | Certifications & Compliance           | CB, CE, FCC, CEL, BSMI, CCC, RoHS, WEEE, REACH, GOST-R   |
| <b>Accessories</b>          | Supplied                              | CD ROM (user manual), Remote control with AAA batteries, Power cord, 15-Pin D-Sub cable, IR cables |



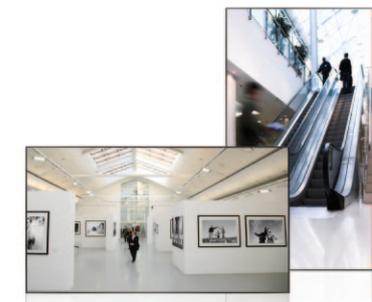
800 nits high brightness panel assures image clarity even under high ambient light.



Versatile connectivity: VGA, DVI, HDMI, DisplayPort, CVBS, Component, S-Video.



Tiling function and DVI looping simplify the video wall setup.



The flexibility in display orientation—either landscape or portrait—suit preferred content layouts.

