

Technical Specifications

| MODEL | DS55MU01 (55") | DS65MU01 (65") | DS75MU01 (75") |
|---|---|--|--|
| Display | | | |
| Design | Thin Bezel | Thin Bezel | Thin Bezel |
| Backlight unit | D-LED type | D-LED type | D-LED type |
| Diagonal | 54.6", 138.68cm | 65", 164cm | 75", 189.3cm |
| Panel | AMVA3 LED, matte finish, haze 2% | AMVA3 LED, matte finish, haze 2% | IPS LED, matte finish, haze 3% |
| Native resolution | 3840 x 2160 @60Hz (8.3 megapixel 4K UHD) | 3840 x 2160 @60Hz (8.3 megapixel 4K UHD) | 3840 x 2160 @60Hz (8.3 megapixel 4K UHD) |
| Aspect ratio | 16 : 9 | 16 : 9 | 16 : 9 |
| Brightness | 350 cd/m ² typical | 350 cd/m ² typical | 410 cd/m ² typical |
| Static contrast | 4000:1 typical | 4000:1 typical | 1200:1 typical |
| Response time | 8ms | 8ms | 8ms |
| Viewing zone | hor/vert: 178°/178°, right/left: 89°/89°, up/down: 89°/89° | hor/vert: 178°/178°, right/left: 89°/89°, up/down: 89°/89° | hor/vert: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support | 1.07B 10bit (8bit + Hi-FRC) | 1.07B 10bit (8bit + Hi-FRC) | 1.07B 10bit (8bit + Hi-FRC) |
| Horizontal sync | 30 - 83KHz | 30 - 83KHz | 30 - 89KHz |
| Vertical sync | 50 - 76Hz | 50 - 76Hz | 50 - 76Hz |
| Viewable area W x H | 1209.6 (H) x 680.4mm (V) | 1428.48 (H) x 803.52mm (V) | 1649.6 (H) x 927.9mm (V) |
| Bezel width (sides, top, bottom) | 12.9mm, 12.9mm, 14.7mm | 13.9mm, 13.9mm, 14.9mm | 12.5mm, 12.5mm, 12.5mm |
| Pixel pitch | 0.315mm | 0.372mm | 0.429mm |
| Bezel colour and finish | black, matte | black, matte | black, matte |
| Interfaces / Connectors / Controls | | | |
| Analog signal input | VGA x1 (max. 1920x1080 @60Hz) | VGA x1 (max. 1920x1080 @60Hz) | VGA x1 (max. 1920x1080 @60Hz) |
| Digital signal input | DVI x1 (max. 1920x1080 @60Hz) HDMI x2 (max. 3840x2160 @60Hz) | HDMI x4 (max. 3840x2160 @60Hz) DisplayPort x1 (v.1.2, max. 3840x2160 @30Hz) | HDMI x4 (max. 3840x2160 @60Hz) DisplayPort x1 (v.1.2, max. 3840x2160 @30Hz) |
| Audio input | Mini jack x1 | Mini jack x1 | Mini jack x1 |
| Monitor control input | RS-232c x1 RJ45 (LAN) x1 IR x1 | RS-232c x1 RJ45 (LAN) x1 IR x1 | RS-232c x1 RJ45 (LAN) x1 IR x1 |
| Audio output | RCA (L/R) x1 Speakers 2 x 10W | RCA (L/R) x1 Speakers 2 x 10W | RCA (L/R) x1 Speakers 2 x 10W |
| Monitor control output | RS-232c x1 IR loop through x1 | RS-232c x1 IR loop through x1, OPS Slot x1 (NOT COMPATIBLE WITH OPS-C) | RS-232c x1 IR loop through x1, OPS Slot x1 (NOT COMPATIBLE WITH OPS-C) |
| HDCP | yes | yes | yes |
| USB ports | x2 | x4 (v.2.0 x1, v.3.0 x1, v.5V0.5A x1, v.5V2A (USB power charging) x1) | x4 (v.2.0 x1, v.3.0 x1, v.5V0.5A x1, v.5V2A (USB power charging) x1) |
| OPS Slot | No | Yes | Yes |
| Interfaces / Connectors / Controls | | | |
| Integrated software | yes | yes | yes |
| Hardware | CPU: MSD95E1D-W4, Quad-Core ARM, 1.4Ghz, Memory: 2GB, Storage: 8GB eMMC | CPU: MSD95E1D-W4, Quad-Core ARM, 1.4Ghz, Memory: 2GB, Storage: 8GB eMMC | CPU: MSD95E1D-W4, Quad-Core ARM, 1.4Ghz, Memory: 2GB, Storage: 8GB eMMC |
| micro SD slot | yes | yes | yes |
| Max. non-stop operating time | 16/7 | 16/7 | 16/7 |
| Anti image retention | yes | yes | yes |
| Wireless option | yes | yes | yes |
| Housing (bezel) | plastic | plastic | metal |
| General | | | |
| OSD languages | EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL | EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL | EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL |
| Control buttons | Power, Mute, Input, Plus, Minus, Up, Down, Menu | Power, Mute, Input, Plus, Minus, Up, Down, Menu | Power, Mute, Input, Plus, Minus, Up, Down, Menu |
| Plug&Play | DDC2B, Mac OSX | DDC2B, Mac OSX | DDC2B, Mac OSX |
| Mechanical | | | |
| Orientation | Landscape | Landscape | Landscape |
| Fanless design | yes | yes | yes |
| VESA mounting | 400 x 400mm | 400 x 400mm | 600 x 400mm |
| Operation temperature range | 0°C - 40°C | 0°C - 40°C | 0°C - 40°C |
| Storage temperature range | - 20°C - 60°C | - 20°C - 60°C | - 20°C - 60°C |
| Backlight Life | 30,000 hours (min) | 30,000 hours (min) | 30,000 hours (min) |
| Accessories Included | | | |
| Cables | Power, DVI, HDMI, RS-232c | Power, DVI, HDMI, RS-232c | Power, DVI, HDMI, RS-232c |
| Guides | quick start guide, safety guide, warranty card | quick start guide, safety guide, warranty card | quick start guide, safety guide, warranty card |
| Remote control | yes | yes | yes |
| Power Management | | | |
| Power supply unit | internal | internal | internal |
| Power supply | AC 100 - 240V, 50/60Hz | AC 100 - 240V, 50/60Hz | AC 100 - 240V, 50/60Hz |
| Power usage | 145W typical, 0.5W stand by, 0.5W off mode | 165W typical, 0.5W stand by, 0.5W off mode | 220W typical, 0.5W stand by, 0.5W off mode |
| Dimensions / Weight | | | |
| Product dimensions W x H x D | 1239.2 x 711.6 x 61.7mm | 1458.7 x 834.7 x 81.6mm | 1676.6 x 955 x 73.8mm |
| Box dimensions W x H x D | 1365 x 864 x 185mm | 1655 x 1078 x 280mm | 1832 x 1283 x 280mm |
| Weight (without box) | 16.24kg | 24.8kg | 53.3kg |
| EAN code | 4948570116331 | 4948570116348 | 4948570116355 |
| Others | | | |
| Warranty | 3 Years On Site *Conditions Apply | 3 Years On Site *Conditions Apply | 3 Years On Site *Conditions Apply |
| Certification | CB, CE, RoHS, FCC, NRTL, KC | CB, CE, RoHS, FCC, NRTL, KC | CB, CE, RoHS, FCC, NRTL, KC |
| Remote Control | 398GR08BEHCN0082 | 398GR08BEHCN0082 | 398GR08BEHCN0082 |

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Ultra High Definition

- 4K Clarity
- Displays crisp, clear detailed images



Screen saving function

- Choose to enable the panel saving functions and thus reduce the risk of 'image persistence' or 'ghost-imaging'



Built-in Operating System

- PC free operation
- Convenient and flexible applications
- 4GB internal storage



Convenient Inputs

- 4 x HDMI inputs
- 1 x HDMI out Multiple USB inputs
- OPS expansion slot (65" and 75" models only)



Elegant design

- Narrow bezel
- Slim mounting profile



Wireless option

- Connect the panel to the internet wirelessly using a third party wireless dongle



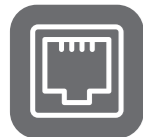
Built in media player

- Play music, videos, photos and images directly on screen from a USB drive, SD card or internal memory



Schedule Power On/Off Setting

- Date, hour and minute scheduling



LAN & RS232 port control

- Enables adjustments in the display OSD menu through your network



Comprehensive Warranty

- Three year *On-Site warranty

Available in 55", 65" and 75" Displays



55 inch UHD Flat Panel Display



65 inch UHD Flat Panel Display



75 inch UHD Flat Panel Display

The Hitachi Flat Panel Displays are ideal for a multitude of digital signage applications, including retail, education, corporate meeting areas and hospitality.



Education



Corporate



Retail

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