

# DS5551U 55-INCH ALL-IN-ONE 4K UHD DIGITAL SIGNAGE DISPLAY

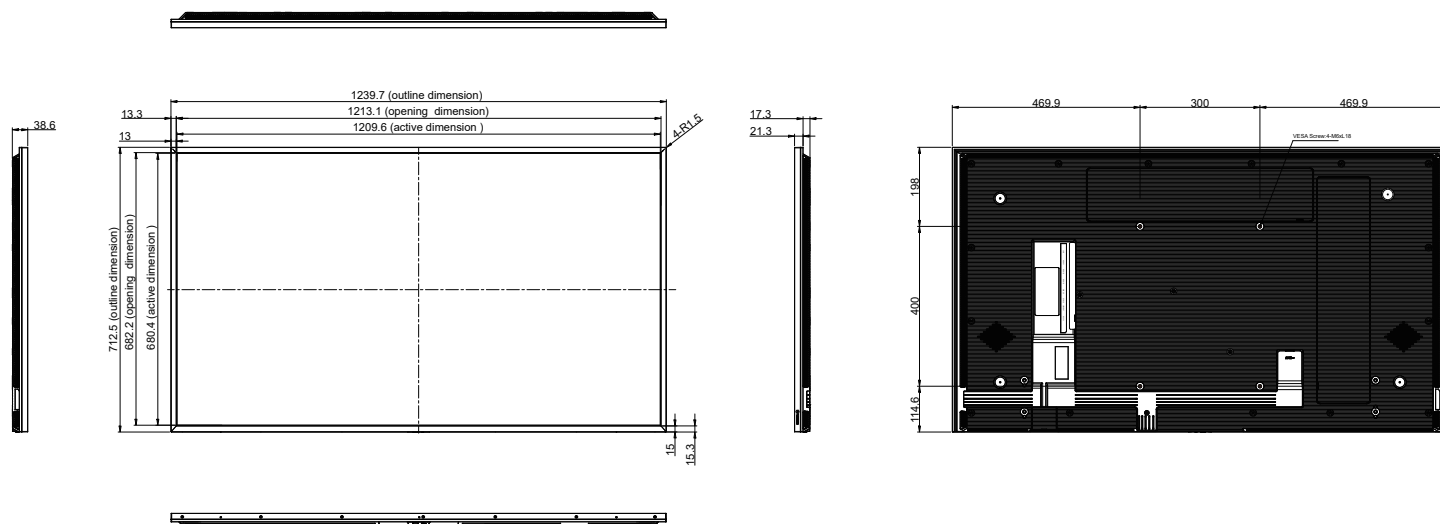
## FEATURES



- Ultra HD 3840 x 2160 resolution
- 500 nits brightness panel offers clear images even in well-lit environments.
- 13mm ultra-narrow bezel for a seamless and immersive viewing experience.
- Slim profile of 38.6mm fits closely to the wall, ensuring a sleek, integrated look.
- 25% haze anti-glare for a glare-free viewing experience in any lighting condition.
- Anti-Burn-in™ technology prevents image ghosting.
- Premium commercial-grade panel designed for 24/7 use.
- Flexible display orientation, with landscape and portrait options.
- Android 9.0 & 16GB Storage capacity for apps and media.
- USB media playback directly from USB storage devices quickly and easily.
- Built-in Wi-Fi 5 and Bluetooth options for easy integration into your existing network and connection to peripheral devices.
- Integrated web browser on accessing online content directly from your display.
- Wireless screen sharing without any apps downloaded.
- User-friendly content management system offers an intuitive interface for updating and scheduling content with ease.
- Embedded advanced content scheduling function for easy arrangement of content playback schedule.
- 3 x HDMI ports provide connections to an external media player and a variety of HD sources.
- RS232 & LAN control for incorporation into a managed network for centralized control.
- Compatible with Neovo Controller software across brands and consolidating command codes.

The DS5551U, a 55-inch 4K Ultra HD all-in-one digital signage display boasting 500 nits brightness, is powered by the Android 9.0 operating system. It provides a one-stop solution for comprehensive content management, facilitating the creation, management, and publishing of eye-catching content. With advanced scheduling and seamless integration of cutting-edge features, it offers versatile connectivity, sleek design, and immersive visuals. This display is ideal for businesses that prioritize customer engagement with timely and visually striking information.

## TECHNICAL DRAWING



## SPECIFICATIONS

### Panel

|                     |                                     |
|---------------------|-------------------------------------|
| Panel Type          | LED-Backlit TFT LCD (VA Technology) |
| Panel Size          | 54.6"                               |
| Max. Resolution     | UHD 3840 x 2160                     |
| Pixel Pitch         | 0.315 mm                            |
| Brightness          | 500 cd/m <sup>2</sup>               |
| Contrast Ratio      | 4000:1                              |
| Viewing Angle (H/V) | 178°/178°                           |
| Display Colour      | 1.07G                               |
| Response Time       | 5 ms                                |
| Surface Treatment   | Haze 25% · Hard Coating (3H)        |

### Frequency

|               |                |
|---------------|----------------|
| Frequency (H) | 18 kHz-135 kHz |
| Frequency (V) | 24 Hz-60 Hz    |

### Signal Input

|      |         |
|------|---------|
| HDMI | 2.0 x 3 |
|------|---------|

### External Control

|          |             |
|----------|-------------|
| RS232 In | 9-Pin D-Sub |
| LAN      | RJ45 x 1    |

### Embedded Player

|         |             |
|---------|-------------|
| OS      | Android 9.0 |
| CPU     | A35*4       |
| Memory  | 2G          |
| Storage | 16G         |

### Other Connectivity

|     |                                         |
|-----|-----------------------------------------|
| USB | 2.0 x 2 (Service Port / Media Playback) |
|-----|-----------------------------------------|

### Audio

|                   |                            |
|-------------------|----------------------------|
| Audio Out         | Stereo Audio Jack (3.5 mm) |
| Internal Speakers | 10W x 2                    |

### Power

|                    |                       |
|--------------------|-----------------------|
| Power Supply       | Internal              |
| Power Requirements | AC 100-240V, 50/60 Hz |
| On Mode            | 89W (On)              |
| On Mode (Max)      | 140W (Max)            |
| Standby Mode       | < 0.5W                |

### Durability and Protection

|           |      |
|-----------|------|
| IP rating | IP5X |
|-----------|------|

### Operating Conditions

|             |                          |
|-------------|--------------------------|
| Temperature | 0°C-40°C (32°F-104°F)    |
| Humidity    | 20%-80% (non-condensing) |

### Storage Conditions

|             |                          |
|-------------|--------------------------|
| Temperature | -20°C-60°C (-4°F-140°F)  |
| Humidity    | 20%-80% (non-condensing) |

### Mounting

|              |                 |
|--------------|-----------------|
| VESA FPM/PMI | 300 mm x 400 mm |
|--------------|-----------------|

### Dimensions

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Bezel Width                  | 13.3 mm (Top/Left/Right)                         |
| Product w/o Base (W x H x D) | 1239.7 x 712.5 x 38.6 mm (48.8" x 28.1" x 1.5")  |
| Packaging (W x H x D)        | 1390.0 x 850.0 x 136.0 mm (54.7" x 33.5" x 5.4") |

### Weight

|                  |                   |
|------------------|-------------------|
| Product w/o Base | 17.6 kg (38.8 lb) |
| Packaging        | 22.2 kg (48.9 lb) |

### Regulation Approval

|                             |                                          |
|-----------------------------|------------------------------------------|
| Certifications & Compliance | FCC, ICES-003 Issue 7, WEEE, RoHS, REACH |
|-----------------------------|------------------------------------------|

### Accessories

|          |                                                                                    |
|----------|------------------------------------------------------------------------------------|
| Supplied | HDMI Cable, Power Cord, Quick Start Guide, Remote Control (Batteries not included) |
|----------|------------------------------------------------------------------------------------|

### Optional Accessories

|                               |                                        |
|-------------------------------|----------------------------------------|
| Ceiling Mount                 | CMP-01 + LMK-01                        |
| Video Wall Mount              | VWM-01, VWM-02                         |
| Wall Mount                    | LMA-01, LMK-01, LMK-03, LMA-02, WMK-04 |
| Floor Mount (Landscape only)  | FMC-06, FMC-07                         |
| Desk mount (Landscape only)   | DTS-01                                 |
| Ceiling Mount (Portrait only) | CMP-01+LMK-02                          |
| Wall Mount (Portrait only)    | WMK-05                                 |



All specifications are subject to change without prior notice.

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