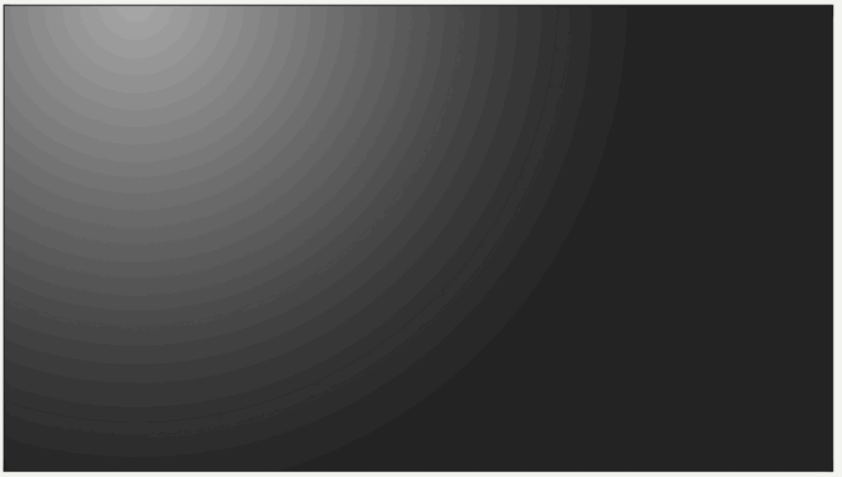
Sharp Signage Display

# SHARP MULTISYNC® UN553V LCD 55" VIDEO WALL DISPLAY



## Scale up your visual impact with the modular Sharp MultiSync® UN Series, purpose-designed with ultra-narrow bezels to create high-resolution video walls with minimal image interruption.

- Easy installation – effortless set up with Auto TileMatrix and out-of-the-box calibration. Ready-to-use image presets save time for predefined application scenarios.
- Enhanced imaging performance – advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.
- Lifelike and consistent colour – experience true to life colour reproduction with IPS panel technology. Uniform visibility is maintained in both landscape and portrait orientation, as well as at wide viewing angles as viewers pass by.
- Secure reliability and longevity – The metal chassis aids natural heat dissipation while the unique heat management system allows users to monitor and control internal temperatures, safeguarding components against heat build-up.
- Cost Saving Device Management – save effort whilst managing all connected Sharp and legacy devices from a centralised location by using the NaViSet Administrator 2 software tool.

# Specifications

## Panel Data

| | |
|---|---|
| Panel Response Time (ms) | 8 |

## Accessories

| | |
|---|---|
| Accessories | Calibration kit, Feet, Remote control kit, Speaker, Wall mount |
| Shipping Content | Power Cable, LAN Cable (RJ45), HDMI Cable, DisplayPort Cable, Display |

## Display Module Data

| | |
|---|---|
| Panel Technology | IPS with Direct LED backlights |
| Native Resolution (Pixels) | 1920 x 1080 |
| Aspect Ratio | 16:09:00 |
| Brightness (cd/m²) | 500 |
| Contrast Ratio | 3500:1 |
| Viewing Angle (°) | 178 |
| Response Time (typ.) [ms] | 8 |

## Additional Features

| | |
|---|---|
| Colour Versions | Black Back Cabinet, Black Front Bezel |
| Plug and Play | VESA DDC/CI |
| Safety and Ergonomics | TÜV S, BSMI, EMC Class B, FCC, PSB, RoHS, TÜV GS, UL/C-UL or CSA, ISO 9241-307 (pixel failure class 2), CE, EAC, SASO, VCCI, RCM, REACH |
| Warranty | optional 4th to 5th year warranty extension, Additional services available, 3 years warranty incl. backlight |

## Weights and Measures

| | |
|---|---|
| Product Weight Without Stand (Kg) | 29 |

## Touch Interface Specification

| | |
|---|---|
| Haze Level [%] | Pro 25 |

## Synchronisation Rate

| | |
|---|---|
| Horizontal Frequency [kHz] | 26 - 134 |
| Vertical Frequency [Hz] | 23 - 86 |

## Connectivity

| | |
|---|---|
| Digital | DisplayPort, DisplayPort out, HDMI, DVI-D |
| Analog | VGA |
| Output Control | LAN 100Mbit |

## Environmental Conditions

| | |
|---|---|
| Operating Humidity (min) [%] | 20 |
| Operating Humidity (max) [%] | 80 |

## Ergonomics

| | |
|---|---|
| Landscape Dimensions (Width) [mm] | 1213 |
| Landscape Dimensions (Height) [mm] | 684 |
| Landscape Dimensions (Depth) [mm] | 106 |

## Projectors

| | |
|---|---|
| Weight (kg) | 29 |

## Installation

| | |
|---|---|
| Portrait Installation | True |
| Landscape Installation | True |
| Landscape | True |
| Portrait | True |
| Mounting (VESA mm) | 400 x 400 (FDMI) |
| Mounting (Number of Points/Pitch) | 4 |
| Mounting Screw Specification (Size/Max Length) | M6 |

## Key Specifications

| | |
|---|---|
| Special Characteristics | Frame Comp, USB Media Player, User input priority definition, User readable log function, NaViSet Administrator 2, PJLink Support, TileMatrix, DICOM Simulation, Auto tiling function, Automatic Alarm E-Mails, HTTP Server, Image flip |
| 24/7 Operation Certified | True |
| Built in Speakers (W) | 15 + 15 |
| Temperature Sensor | True |
| Operating Time | 24/7 |
| Supported Image Format | Max. resolution 5000 x 5000, PNG (interlace, alpha channel), JPG (baseline, progressive, RGB, CMYK), Max. resolution 4000 x 4000 |

## Power Supply and Operating Environment

| | |
|---|---|
| Operating Voltage (ACV) | 100-240 |
| Frequency (Hz) | 50-60 |
| Via AC Adapter | True |
| Operating Voltage (DCV) | 100-240 |
| Operating Temperature (°C) | 0 - 40 |
| Storage Temperature (°C) | -20 - 60 |
| Storage Humidity Min [%] | 10 |
| Storage Humidity Max [%] | 90 |
| Power Saving Mode (W) | < 2 (Networked Standby) |
| Battery | < 0.5 (ECO Standby) |

## Display

| | |
|---|---|
| Screen Size (inch) | 55 |
| Screen Size (cm) | 139 |
| Colour Gamuts | 72% NTSC |

## Resolution

| | |
|---|---|
| Supported Resolution | 1280 x 768, 1024 x 768 , 1280 x 1024, 1600 x 1200, 1920 x 1080, 640 x 480, 800 x 600, 3840 x 2160, 1360 x 768 |

## Electrical

| | |
|---|---|
| Power Consumption on Mode [W] | 140 (shipping) |
| Power Supply | 100-240 V |

## Mechanical

| | |
|---|---|
| Bezel Width (Left/Right) [mm] | 3 |
| Bezel Width (Upper) [mm] | 2 |
| Bezel Width (Lower) [mm] | 1 |

## Green Features

| | |
|---|---|
| Energy Efficiency | Human sensor, LED backlight technology, Carbon Footprint Meter / Carbon Savings Meter, Energy consumption: 122 kWh/1000 h, Energy efficiency class: G |

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