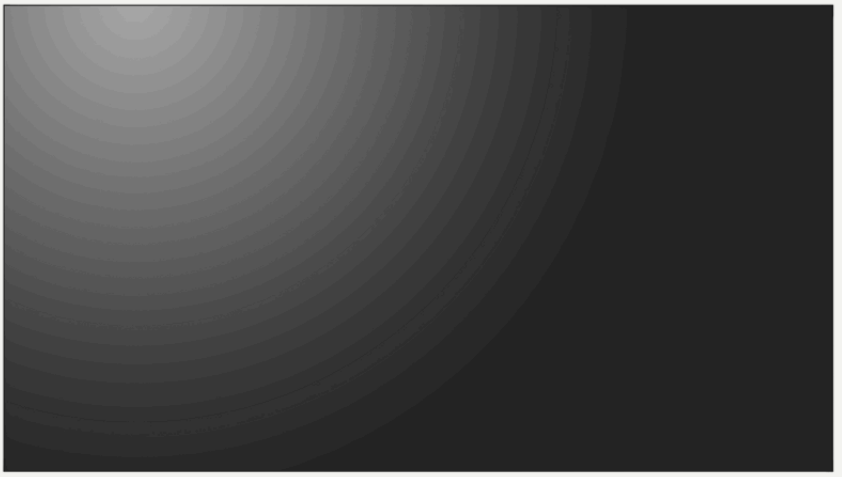
Sharp Signage Display

SHARP MULTISYNC® UN553S 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

Bezel Horizontal (mm)	1
Bezel Vertical (mm)	1
Panel Response Time (ms)	8

Accessories

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

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

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)	28

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
Analog	VGA
Output Control	LAN 100Mbit

Environmental Conditions

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

Ergonomics

Landscape Dimensions (Width) [mm]	1211
Landscape Dimensions (Height) [mm]	681
Landscape Dimensions (Depth) [mm]	103

Projectors

Weight (kg)	28

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

Display Module Data

Panel Technology	IPS with Direct LED backlights
Native Resolution (Pixels)	1920 x 1080
Aspect Ratio	16:09:00
Brightness (cd/m²)	700
Contrast Ratio	3500:1
Viewing Angle (°)	178
Response Time (typ.) [ms]	8

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]	180 (shipping)
Power Supply	100-240 V

Mechanical

Bezel Width (Left/Right) [mm]	1
Bezel Width (Upper) [mm]	1
Bezel Width (Lower) [mm]	1

Green Features

Energy Efficiency	Human sensor, LED backlight technology, Carbon Footprint Meter / Carbon Savings Meter, Energy consumption: 146 kWh/1000 h, Energy efficiency class: G

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