Large Format Display - Video Wall

Sharp MultiSync® UN553V



Seamless video walls to amplify your brand

- 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.

Options

IoT and Asset Management

NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices
Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

PD Comms Tool Test tool to quickly diagnose communication issues remotely
Test tool to quickly diagnose communication issues remotely.

Sensors

Sharp KTES1 ECO Sensor for dedicated Sharp large format displays
ECO Sensor for dedicated Sharp large format displays.

Computing Midrange

OPS Slot-in PC Midrange (ADL) OPS slot-in PC (Intel® Core i3) for all high-end signage applications
OPS slot-in PC (Intel® Core i3) for all high-end signage applications.

Computing Advanced

OPS Slot-in PC Advanced (RPH) OPS slot-in PC (Intel® Core i5) for all high-end signage applications
OPS slot-in PC (Intel® Core i5) for all high-end signage applications.

Video Wall Options

Calibration Kit - KT-LFD-CC2 Display wall calibration kit
Display wall calibration kit.

Remote Control Kit - KT-RC3 IR/Remote Control Kit for dedicated Sharp/NEC large format displays
IR/Remote Control Kit for dedicated Sharp/NEC large format displays.

Mounting Options

Video Wall Mount PD04VW MFS 46 55 High-end universal video wall mount with manual front service for dedicated Sharp/NEC video wall displays (45" to 55")
High-end universal video wall mount with manual front service for dedicated Sharp/NEC video wall displays (45" to 55").

Video Wall Mount PD04VW QR 46 55 High-end universal video wall mount with quick release front service for dedicated Sharp/NEC video wall displays (45" to 55")
High-end universal video wall mount with quick release front service for dedicated Sharp/NEC video wall displays (45" to 55").

Calilbration and Adjustment

MultiProfiler Software Complete control over the powerful technology in an easy-to-use application
Complete control over the powerful technology in an easy-to-use application.

Display Wall Calibrator Automatic adjustment of colour and brightness
Automatic adjustment of colour and brightness.

Value Added Services

De-/Re-install Service for Large Format Displays Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays
Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays

Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products
Optional Laser Branding Service for dedicated Sharp Display Products

Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products
Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

Computing Enterprise

OPS Slot-in PC Enterprise Ultra (RPH) OPS slot-in PC (Intel® Core i7) for demanding meeting room applications
OPS slot-in PC (Intel® Core i7) for demanding meeting room applications.

OPS Slot-in PC Enterprise Pro (RPH) OPS slot-in PC (Intel® Core i5) for demanding meeting room applications
OPS slot-in PC (Intel® Core i5) for demanding meeting room applications.

Warranty Extensions

2nd Life Warranty Extension for Large Format Displays (Eco Prime) Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Value+) Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Select) Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays

Warranty Extension for Large Format Displays and Computing Solutions Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions

Speakers and Soundbars

SP-RM3a Active high-end speaker for dedicated Sharp/NEC large format displays
Active high-end speaker for dedicated Sharp/NEC large format displays.

Image Control and Connectivity

Hiperwall Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions
Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions.

Specifications

General

Series	[sharp-un3-series]
Order Code	PNUN553V

Display

Aspect Ratio	16:9
Brightness (cd/m²)	500
Colour Gamut	72% of NTSC
Contrast Ratio	3500:1
Haze Level (%)	Pro (25)
Panel Refresh Rate (Hz)	60
Panel Technology	IPS with Direct LED backlights
Response Time Grey-to-grey (ms)	8
Screen Size (inch)	55
Screen Size (cm)	138.8
Supported Orientation	Landscape, Portrait
Viewing Angle	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

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

Connectivity

DisplayPort In 1	Video Input, HDCP (2.2), Audio Input
DisplayPort Out	Video Output, HDCP (2.2), Audio Output
HDMI In 1	Video Input, UHD (60 Hz) HDCP (2.2), Audio Input, CEC
HDMI In 2	Video Input, UHD (60 Hz) HDCP (2.2), CEC, Audio Input
HDMI Out	Video Output, UHD (60 Hz) HDCP (2.2), Audio Output
USB-A 1	[usb-20], [10-w], Peripherals, USB Storage
USB-A 2	Peripherals, [usb-20]
USB-A 3	[usb-20]

Calibration

Calibration Software	Display Wall Calibrator
Calibration With Software	Update Uniformity Correction, RGB, Update Factory Calibration, Corner Uniformity, Gamma, Intensity, White Point
Factory Calibration	RGB, Uniformity, Gamma, Intensity, White Point
Sensor Calibration USB	PC-less Calibration with USB Sensor MDSVSensor3, White Copy (post self-calibration)

Open Modular Intelligence

OPS Max. Current / Power Consumption (A / W)	3.6 / 58.0
OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

Sensors

Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption typ. (W)	140
Power Savings Mode (W)	< 2.0 (Networked Standby), < 0.5

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	+0 to +40
Storage Humidity (%)	10 to 90
Storage Temperature (°C)	-20 to 60

Mechanical

Bezel Width Bottom (mm)	1.1
Bezel Width Right (mm)	1.1
Bezel Width Left (mm)	1.8
Bezel Width Top (mm)	1.8
Bezel Width (mm)	2.9
Dimensions Width (mm)	1212.7
Dimensions Height (mm)	683.5
Dimensions Depth (mm)	106.4
VESA Mounting Holes	4
VESA Mounting Screw	M6
VESA Mounting FDMI	400 x 400
Weight (kg)	28.6

MediaPlayer

Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s, WAV (LPCM); max. 48 kHz sampling
Supported Image Formats	PNG (interlace, alpha channel); max. resolution 4000 x 4000, JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000
Supported Video Formats	WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz, MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz

Regulatory

Pixel Failure Class	ISO 9241-307, Class 2
Safety and Ergonomics	EMC Class B, FCC, PSB, REACH, BSMI, UL/C-UL, CE, SASO, EAC, TÜV S, RCM, VCCI, TÜV GS, RoHS

Green Features

Energy Efficiency	Carbon savings meter, Human sensor
Energy Efficiency Class	G
Energy Consumption (kWh/1000h)	122

Additional Features

Operating Hours	24/7
Remote Management	NaViSet Administrator 2
Shipping Content	HDMI Cable, Power Cable, Display
Special Characteristics	DICOM Simulation, TileMatrix, Auto ID assignment, Frame Comp, Auto tiling function
Warranty	3 years warranty incl. backlight, optional 4. + 5. year warranty extension, additional services available

© 2026 Sharp Display Solutions Europe GmbH. All rights reserved. All product names, company names, logos, trademarks, service marks and registered trademarks are the property of their respective owners. Design, features and specifications are subject to change without notice. Information is believed to be accurate at the time of publication. Errors and omissions excepted. Revision date: 09 July 2026. Sharp MultiSync® UN553V, 12/11/2026