

Large Format Display - Professional

Sharp MultiSync® P756



Precision performance for critical applications

- Secure remote management control your devices remotely and securely using NEC NaviSet Administrator 2; proactively manage maintenance requirements saving time and resources
- Unhindered readability no reflections from windows or other light sources means no disruption to the visibility of signage content or meeting room presentation
- Safe for public environments a metal back cover and intelligent heat management ensure safe use in public spaces where fire-retardancy is mandatory
- 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.
- Mission-critical 24/7 ready operation the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

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.

Firmware Update Tool Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays

Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays.

Speakers and Soundbars

PN-ZCMS1 All-in-one collaboration videobar incl

All-in-one collaboration videobar incl. speaker, microphone and camera.

SP-RM3 Passive high-end speaker for dedicated Sharp/NEC large format displays
Passive high-end speaker for dedicated Sharp/NEC large format displays.

Soundbar bracket TOP SB-T02 Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756
Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756.

Sensors

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

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

Interfaces and Adapters

SDM HDBaseT Receiver Slot-in board for video signal transmission up to 150m through a single network cable
Slot-in board for video signal transmission up to 150m through a single network cable

SDM 12G SDI Receiver Slot-in board for transmission of uncompressed and unencrypted video signals in UHD resolution
Slot-in board for transmission of uncompressed and unencrypted video signals in UHD resolution

USB Type C Interface Board Slot-in board providing USB Type C connection
Slot-in board providing USB Type C connection

SDM Standalone Adapter v3 A handy tool for integrators to configure SDM computing devices
A handy tool for integrators to configure SDM computing devices

Computing Enterprise

SDM Slot-In PC Enterprise (RPL) SDM slot-In PC (Intel® Core i5) for demanding meeting room applications
SDM slot-In PC (Intel® Core i5) for demanding meeting room applications

Computing Advanced

SDM Slot-In PC Advanced (RPL) SDM slot-in PC (Intel® Core i5) for any high-end signage application
SDM slot-in PC (Intel® Core i5) for any high-end signage application

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

Mounting Options

Trolley PD02MHA High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98")
High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98").

Wall Mount L20PNWALL90EU Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90")
Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90").

Wall Mount PDW T XL-2 Universal X-Large wall mount with tilt function for dedicated Sharp/NEC large lormat displays (55" to 65")
Universal X-Large wall mount with tilt function for dedicated Sharp/NEC large lormat displays (55" to 65").

Trolley PD04 Tipster Stylish and flexible mounting system for dedicated Sharp/NEC large format displays
Stylish and flexible mounting system for dedicated Sharp/NEC large format displays.

Wall Mount PDW S 32-65 L Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65")
Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65"). Landscape orientation.

Wall Mount PDW S 32-65 P Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65")
Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65"). Portrait orientation.

Video Wall Options

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.

Computing Essential

MPi4 Kit powered by Raspberry Pi Slot-in computing moduie based on the Raspberry Pi Compute Module 4
Slot-in computing moduie based on the Raspberry Pi Compute Module 4

SDM Essential SDM slot-in PC (Intel® Elkhart Lake Atom) optimised for essential signage applications
SDM slot-in PC (Intel® Elkhart Lake Atom) optimised for essential signage applications

SDM MPI5 Kit powered by Raspberry Pi Fanless, silent operation designed for distraction-free environments, built specifically for continuous, dependable 24/7 operation in any orientation
Fanless, silent operation designed for distraction-free environments, built specifically for continuous, dependable 24/7 operation in any orientation.

Computing Midrange

SDM Slot-In PC Midrange (RPL) SDM slot-In PC (Intel® U300E, 5 Cores) for any midrange signage application
SDM slot-In PC (Intel® U300E, 5 Cores) for any midrange signage application

SDM Slot-In PC Midrange (ADL) Intel® SDM slot-In PC for any midrange signage applications
Intel® SDM slot-In PC for any midrange signage applications

SDM BrightSign Built-In Player Power, flexibility and future-ready performance, without compromise
Power, flexibility and future-ready performance, without compromise.

Calilbration and Adjustment

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

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-p-series-lfd]
Order Code	PNP756

Display

Aspect Ratio	16:9
Brightness (cd/m ²)	700
Colour Depth	1.073 (10bit)
Colour Gamut	72% of NTSC
Contrast Ratio	≥ 8000:1
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)	75
Screen Size (cm)	189.3
Supported Orientation	Landscape, Portrait, Face Up, Face Down
Viewing Angle	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Native Resolution	3840 x 2160
Supported Resolutions	640 x 480, 1920 x 1200, 1920 x 1080, 3840 x 2160, 1280 x 800, 1360 x 768, 1280 x 1024, 1600 x 1200, 1280 x 720, 720 x 480, 1920 x 2160, 800 x 600, 1270 x 720, 1024 x 768, 4096 x 2160, 1680 x 1050, 720 x 576, 1366 x 768, 720 x 400, 1440 x 900, 1400 x 1050

Connectivity

Audio Output 3.5mm	Audio Output, Line Out
DisplayPort In 1	UHD (60 Hz) DP 1.2, Audio Input, HDCP (2.2), Video Input
DisplayPort Out	Video Output, UHD (60 Hz) DP 1.2, Audio Output, Loop Through: DisplayPort IN, USB-C 2, HDCP (2.2)
HDMI In 1	Audio Input, UHD (60 Hz) HDCP (2.2), ARC, CEC, Video Input
HDMI In 2	UHD (60 Hz) HDCP (2.2), CEC, Video Input, Audio Input
HDMI Out	Video Output, UHD (60 Hz) HDCP (2.2), Loop Through: HDMI IN 2, Option, Compute module, Audio Output
Input Detect	Custom, First, Last
LAN 1	100 MBit/s
LAN 2	100 MBit/s
LAN 2 Loop Through	LAN 1, RS-232C, IR
PiP / PbP	2-Split, Scalable picture size
Remote In (3.5mm)	Eco Sensor (IR-Extender, Ambient and Presence)
RS-232C (bps)	9600
USB-A Service	2.5 W, Service
USB-A 1	Peripherals, USB Storage, [usb-20-32], [45-w]
USB-C 1	65 W, HDCP (2.2), UHD (60 Hz), Video Input, USB 2.0 / 3.2, DP alt. 1.2, Audio Input
USB-C 2	USB 2.0 / 3.2, Peripherals, 7.5 W, Storage

Calibration

Calibration Software	Display Wall Calibrator
Calibration With Software	Gamma, White Point, Intensity, Corner Uniformity, RGB, Update

Factory Calibration	Intensity, Gamma, Uniformity, RGB, White Point
---------------------	--

Open Modular Intelligence

Compute Module Slot	[accepts-intel-smart-display-modules-large-and-small-up-to-66]
---------------------	--

Sensors

Ambient Light Sensor	optional via Eco Sensor (KTES1)
Human Sensor	optional via Eco Sensor (KTES1)
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption typ. (W)	170
Power Supply	50/60 Hz, 100-240 V AC, internal
Power Savings Mode (W)	< 0.5, < 2.0 (Networked Standby)

Mechanical

Bezel Width Bottom (mm)	14.8
Bezel Width Right (mm)	14.3
Bezel Width Left (mm)	14.3
Bezel Width Top (mm)	14.3
Dimensions Width (mm)	1682.3
Dimensions Height (mm)	961.1
Dimensions Depth (mm)	83.2
Ingress Protection	IP5X (front); IP2X (back)
Packaging Dimensions Width (mm)	1830
Packaging Dimensions Height (mm)	1070
Packaging Dimensions Depth (mm)	225
Packaging Weight (kg)	51
VESA Mounting Holes	4
VESA Mounting Screw	M8
VESA Mounting FDMI	600 x 400
Weight (kg)	38
Material	Metal

Environmental Conditions

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

Regulatory

Pixel Failure Class	ISO 9241-307, Class 1
Resistance to Fire	Metal backcover, plastic material certified acc. to UL94-5VB
Safety and Ergonomics	CE, RoHS, REACH, UKCA, EMC Class B

Green Features

Ecological Standards	EnergyStar 8.0
Energy Efficiency Class	G
Energy Consumption (kWh/1000h)	180

3rd Party Certifications

3rd Party Certificate	Certified for Crestron Connected, Q-Sys Plug-in
-----------------------	---

Additional Features

External Control	PJLink, SNMP
Operating Hours	24/7
Remote Management	NaViSet Administrator 2
Security	IEEE802.1X (LAN), Disable IR
Shipping Content	Functionality, Disable HW Buttons 2 x AAA batteries, Remote Control, HDMI Cable, Setup Manual, Power Cable, Display
Special Characteristics	DICOM Simulation, Scheduler, Clone Settings
Warranty	3 years warranty incl. backlight, additional services available, optional 4. + 5. year warranty extension

