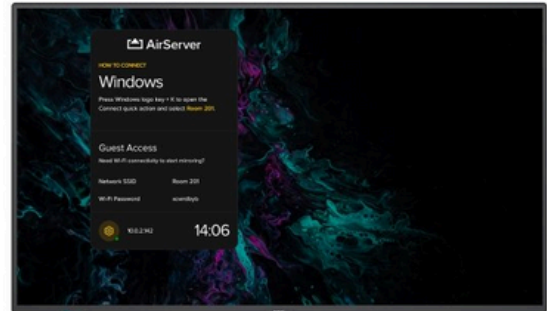
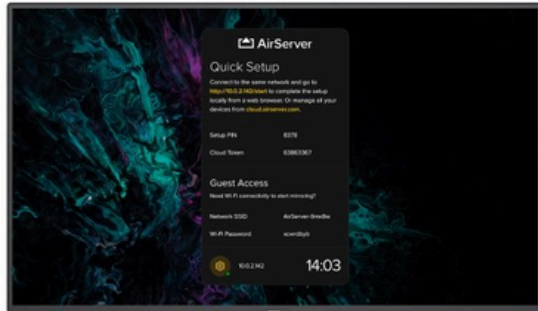


LCD 98" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

NEC MultiSync® M981 AirServer



Content sharing made simple with native wireless screen mirroring

Initiating effective collaboration in meeting rooms has never been easier to plan, install and operate. Simply share content from your personal device to the large meeting room display.

The MultiSync® ME/M series AirServer models provide a sleek combination of intuitive screen sharing with professional display technology for meeting rooms and huddle spaces.

Future-proof and upgradable, AirServer software is powered by a pre-installed modular SoC Raspberry Pi module which transforms the Sharp M and ME series large format display into a universal screen mirroring receiver. With AirServer enabled on the Sharp large format display, users can wirelessly mirror the content on their personal screen (Mac or PC, iPhone, iPad, Android or Chromebook) to the meeting room display, instantly turning the room into a collaborative space.

Benefits

Unhindered readability – no reflections from windows or other light sources means no disruption to the visibility of signage content or meeting room presentation

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.

Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

Secure remote management – control your devices remotely and securely using NEC NaviSet Administrator 2; proactively manage maintenance requirements saving time and resources

Specifications

Product Information

Product Name

NEC MultiSync®M981 AirServer

Product Group

LCD 98" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

Order Code

40001653

Display

Panel Technology

IPS with Direct LED backlights

Screen Size [inch/cm]

98 / 248.92

Aspect Ratio

16:9

Brightness [cd/m²]

500

Contrast Ratio

≥ 8000:11

Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]

1.073 (10bit)

Colour Gamut

68% of DCI

Response Time (typ.) [ms]

8

Panel Refresh Rate [Hz]

60

Haze Level [%]

Pro (28)

Supported Orientation

Landscape; Portrait

Resolution

Native Resolution

3840 x 2160

Supported Resolutions

1024 x 768;	1440 x 900;	2560 x
1280 x	1600 x	1600; 3840
1024; 1280	1200; 1920	x 2160;
x 720; 1360	x 1080;	4096 x
x 768; 1366	1920 x	2160; 7680
x 768; 1400	1200; 1920	x 4320
x 1050;	x 2160;	
	2560 x	

Synchronisation Rate

1440;

Horizontal Frequency [kHz]

15 - 135

Vertical Frequency [Hz]

23 - 76

Connectivity

Input Video Digital

2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

Input Audio Digital

1 x DisplayPort; 2 x HDMI

Input Control

LAN 100Mbit; remote control wire (3,5mm jack); RS232

Input Data

1 x USB 2.0 (Downstream); 1 x USB 2.0 (Powered 5V/2A, Firmware Updates); 1 x USB 2.0 Type-B (Downstream)

Output Video Digital

1 x DisplayPort (loop through: DisplayPort, SDM slot-in PC); 1 x HDMI (loop through: HDMI, SDM slot-in PC); DP (in) to HDMI (out) conversion

Output Audio Analogue

1 x 3,5 mm jack

Output Control

1 x LAN

100Mbit

Input Detect

Custom; First; Last

PiP/PbP

Dual-Split; Quad-Split; scalable picture size

Calibration

Factory Calibration

Gamma; Intensity; RGB; Uniformity; White Point

Sensor Calibration (through USB)
PC-less Calibration with USB Sensor MDSV Sensor3; White Copy (post self-calibration)

Calibration with Software
Corner Uniformity; Gamma; Intensity; RGB; Update Factory Calibration; White Point

Calibration Software
Display Wall Calibrator

AirServer Embedded Screen Mirroring Solution

AirPlay
code and password; extend macOS display; iOS, iPadOS and macOS; screen mirroring and content sharing

Google Cast
Android, Chrome OS and Google Chrome; prompt security; screen mirroring and cast from apps with DRM

Miracast
Android and Windows; extend Windows 10 and 11 desktop; Miracast over infrastructure; screen mirroring; touchback and pen support

Guest Connectivity
2.4 and 5 GHz channel selection; access control (device only), Internet only or Internet/LAN; Wi-Fi Hotspot; WPA2 security

Video Output
up to Full HD (1920 x 1080) at 60 fps

No. of Connections
1

Networking
1 x Gigabit LAN; 802.11 ac/b/g/n Wi-Fi; 802.1X security; IPv6 addresses; Proxy

Automatic Updates
provides new features and security enhancements

Sensors

Ambient Light Sensor
Integrated, triggered actions programmable

Temperature Sensor
Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]
340 shipping

Power Savings Mode [W]
< 0.5; < 2 (Networked Standby)

Power Management
VESA DPMS

Power Supply
100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]
+0 to +40

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 80

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
2,194.7 x 1,250.2 x 84.3

Weight [kg]
67

Bezel Width [mm]
15.9

VESA Mounting [mm]
4 holes; 600 x 400 (FDMI); M8

Ingress Protection
IP5x (front); IP2x (back)

Packaging Dimensions (W x H x D) [mm]
2,350 x 1,400 x 310

Packaging Weight [kg]
98.7

Colour Bezel
Pantone 426M (black)

Material
Metal

Available Options

Accessories

Feet (ST-801); Speaker (SP-RM3); Trolley (L20PNSR780MEU, PD02MHA, PD03MHA); Wall mount (L20PNWALL90EU, SF680P)

Regulatory

Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

Pixel Failure Class

ISO 9241-307, Class 1

Resistance to Fire

Metal backcover, plastic material certified acc. to UL94-5VB

Green Features

Energy Efficiency

Energy consumption: 205 kWh/1000 h; Energy efficiency class: F; LED backlight

Ecological Standards

EnergyStar 8.0

Additional Features

Special Characteristics

DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo

Audio

Integrated Audio Amplifier (for optional speakers up to 2 x 15 W); Integrated Speakers (10 W + 10 W)

Shipping Content

2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual

Warranty

3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension²

Operating Hours

24/7

External Control

AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP

Remote Management

Automated Email Alerts; NaViSet Administrator 2

Security

Disable HW Buttons; Disable IR Functionality; Emergency Notification

¹ out of the box conditions. Local dimming ON.
Please refer to terms and conditions of warranty extensions

²



VCCI



RCM



CE



FCC Class B



RoHS

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