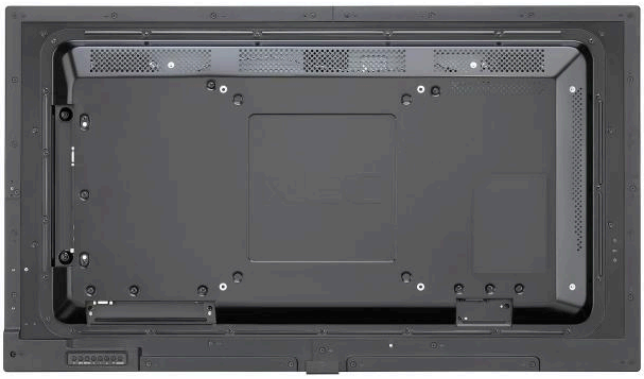
\Orchestrating a brighter world

MultiSync® C431

LCD 43” Value Large Format Display

Datasheet





Seamless integration for great visual performance

Its thin bezel and super slim design perfectly complements today’s modern surroundings whilst multiple display inputs support flexibility and freedom. With fixing points conveniently located on the back of the screen, external equipment can be attached with seamless simplicity. Reasonable brightness levels offer visibility in controlled light surroundings. The professional haze filter is allowing excellent readability. Landscape and portrait capability matches the needs of both corporate huddle spaces and retail signage applications. With a built-in media player, the NEC C Series runs content directly from a USB drive or microSDHC card as a standalone solution but can also download contents via network. Futureproof connectivity handles input from multiple sources. Don’t let technology impact design – get seamless integration with the NEC C Series!

Benefits

FullHD LCD technology – eye-pleasing black levels and impressive contrast ratios for ergonomic viewing and less fatigue in conferencing scenarios.

Modern and slim design – robust yet elegant allowing for an unobtrusive integration into any application and environment.

All-in-one Signage solution integrated – the integrated mediaplayer for simple signage use supports easy content playback and management.

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.

Ease of use and operation – Smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

Free Download of Multi-Display Management Software – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

Product Information

Product Name	MultiSync® C431
Product Group	LCD 43" Value Large Format Display
Order Code	60004236

Display

Panel Technology	AMVA3 with Edge LED backlights
Active Screen Area (W x H) [mm]	941 x 529
Screen Size [inch/cm]	43 / 107.9
Brightness [cd/m²]	400, 280 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	Pro (44)
Supported Orientation	Face Up; Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	24 - 85

Resolution

Native Resolution	1920 x 1080			
Supported Resolutions	1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200;	1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024;	1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720;	1024 x 768; 800 x 600

Connectivity

Input Video Analogue	1 x VGA
Input Video Digital	1 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)
Input Audio Analogue	2 x 3,5 mm jack
Input Audio Digital	1 x DisplayPort; 3 x HDMI
Input Control	1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232
Input Data	1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer)
Output Audio Analogue	1 x 3,5 mm jack
Output Control	remote control wire (3,5mm jack)

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]	50 shipping
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

Mechanical

Dimensions (W x H x D) [mm]	971 x 559 x 45
Weight [kg]	12.5
Bezel Width [mm]	12.4 (left and right); 12.4 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP5X (front); IP2X (back)

MediaPlayer

Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000
Supported Video Formats	MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling
Supported File Storage / File System	MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Available Options

Accessories	Feet (ST-401); Trolley (PDMHM-L); Wall mount (PDW C L and P, PD02W T M L, PD03W T M P)

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 95 kWh (based on 4 operating hours per day); Carbon savings meter; Energy efficiency class: A
Ecological Materials	Manuals on CD; Optional feet
Ecological Standards	EnergyStar 7.0

Additional Features

Special Characteristics	Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Automated Email Alert; CEC Support; Crestron Connected Support; Crestron RoomView Support; Display Browser Control; Emergency Notification; Full System Scheduler; KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Powered USB-Port; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10)
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
Pixel Failure Class	ISO 9241-307, Class 2
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	CD-ROM (User Guides/Manuals); Display; Power Cable; Remote Control; VGA cable
Warranty	3 years warranty incl. backlight; additional services available
Operating Hours	24/7

CE RoHS TÜV GS VCCI

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