

32"/ 42"/ 46" optical LCD touch screen

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NEC professional LCD public display with integrated NextWindow™ touchscreen*

Features

- 32", 42 & 46" LCD with optical imaging technology touch screen
- Supports 2 finger **multi-touch** & standard gestures
- NEC overheating protection
- Operates with any touch; finger, gloved hand or pointer
- USB HID touch controller - Plug & Play
- Stable, fast, drift free operation; needs only one-time, four point calibration
- Supports Linux, Mac OS X, XP, Vista and **Windows®7**



Specifications



Model	OITUV321 (P/N: DISPOITU32)	OITUV421 (P/N: DISPOITU42)	OITUV461 (P/N: DISPOITU46)
Size	31.5" (80.0cm)	42" (106.7cm)	46" (117.0cm)
Type	S-PVA TFT	S-IPS TFT	S-PVA TFT
Viewing Area [mm]	697.7 x 392.3	930.25 x 523.01	1018.1 x 572.7
Brightness [cd/m ²] With Touch screen	450 428	500 475	450 428
Contrast Ratio	3000:1	1300:1	3000:1
Viewing Angle	178° Horizontal/ 178° Vertical	178° Horizontal/ 178° Vertical	178° Horizontal/ 178° Vertical
Horizontal Frequency [kHz]	31.5 - 91.1 (Analog & Digital)	31.5 - 91.1 (Analog & Digital)	31.5 - 91.1 (Analog & Digital)
Vertical Frequency [Hz]	50 - 85	50 - 85	50 - 85
Colours [million]	16.77	16.77	16.77
Optimum Resolution	1366 x 768 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz
Maximum Resolution	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz	1920 x 1080 @ 60Hz
Signal Inputs	Analog: PC: 15pin D type, 5 BNC Digital: HDMI & DVI-D (with HDCP) Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232, LAN	Analog: PC: 15pin D type, 5 BNC Digital: HDMI & DVI-D (with HDCP) Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232, LAN	Analog: PC: 15pin D type, 5 BNC Digital: HDMI & DVI-D (with HDCP) Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232, LAN
Power Requirements [AC]	100 - 120V/ 220 - 240V	100 - 120V/ 220 - 240V	100 - 120V/ 220 - 240V
Power Consumption [w]	100 (typ.) 140 (max)	160 (typ.) 210 (max)	185 (typ.) 240 (max)
Temperature (operating) [°C]	+5 to 40 (landscape) +5 to 35 (portrait)	+5 to 40 (landscape) +5 to 35 (portrait)	+5 to 40 (landscape) +5 to 35 (portrait)
Relative Humidity (operating) [%]	20 to 80 (non-condensing)	20 to 80 (non-condensing)	20 to 80 (non-condensing)
Weight [Kg] (without stand)	21	31	TBC
Dimensions** [mm] (W x H x D)	787 x 491 x 145 (without stand)	1020 x 630 x 146 (without stand)	1120 x 680 x 140 (without stand)
Touch Sensor	NextWindow™ Optical Imaging Technology (OIT) 4mm thick clear tempered glass	NextWindow™ Optical Imaging Technology (OIT) 4mm thick clear tempered glass	NextWindow™ Optical Imaging Technology (OIT) 4mm thick clear tempered glass
Touch Controller	USB 1.1 (full speed) HID	USB 1.1 (full speed) HID	USB 1.1 (full speed) HID
Approval	CE	CE	CE
Warranty [years]	2 Return to DisplayLite	2 Return to DisplayLite	2 Return to DisplayLite
Options	Serial Controller, Speakers, Stand	Serial Controller, Speakers, Stand	Serial Controller, Speakers, Stand

*NEC UK only provide a warranty for the monitor and not the touch solution, warranty for this is provided by DisplayLite Ltd an NEC Accredited Solutions Service Provider.

** To accommodate the OIT sensor & electronics, the standard NEC plastic monitor bezel is replaced by a black metal bezel.

