

UM Series

UM330X and UM330W ultra short throw projectors

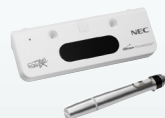
The UM330X and UM330W ultra short throw projectors tout advancements such as an integrated pen system and were designed with a feature set that makes them ideal for use in educational settings.



Versatile Features and Powerful Performance

- Powerful 16-watt speaker provides volume needed for large rooms
- Variable audio-out enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.
- Virtual Remote™ (DDC/CI) over the VGA cable or via the network connection (wired/wireless) allows you to control the projector directly from a computer without the need for additional control cables
- Native XGA and WXGA resolution projectors automatically sync with higher-resolution computers
- Flexible input panel connects with dual HDMI, computer, composite video, S-Video and component video (using optional 15-pin adapter cable)
- USB input allows for connection directly from your computer to the projector using a standard USB cable
- USB Viewer uses the presentation conversion software included with your projector to convert presentations into .jpgs for playback using a USB flash drive (not included)

Bring Interactivity to the Classroom



- The optional interactive eBeam module (NPO2Wi) connects between the eBeam module and the computer, and uses IR to determine the included pen's position within the image for accurate control and annotation.
- A complete software package designed specifically for the NPO2Wi includes the eBeam Education Suite, eBeam Scrapbook, eBeam Tool Palette and eBeam Home. eBeam Workspace is ideal for corporate customers.

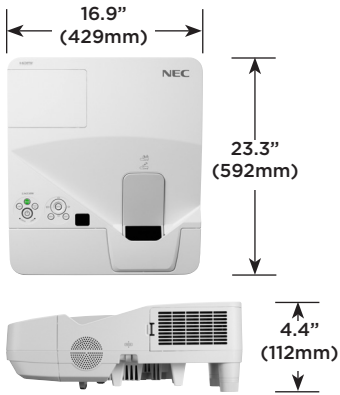
Essential Features for Ease of Use

- Bright images can be easily viewed in most applications
- Intuitive remote control provides one-touch source changes and complete menu control
- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Wireless LAN (optional) allows for image transmission from a computer or directly from an iPad, lowering the cost of the installation while providing collaboration with your audience
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely
- Plug and Play setup and operation optimizes images displayed from computers and video sources

Designed with the Environment in Mind



- Extended lamp life with ECO Mode™ technology increases lamp life up to 6000 hours, while lowering power consumption and maintenance costs
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On, using the Direct Power On mode, turns on the projector when AC power is supplied
- Quick start (20 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage



UNIQUE FEATURES

ECO Mode technology extends lamp life, lowers audible noise and reduces total cost of ownership.

Built-in closed captioning enables decoding and display of text information from a video

Kensington lock slot enables security cable to be attached to projector.

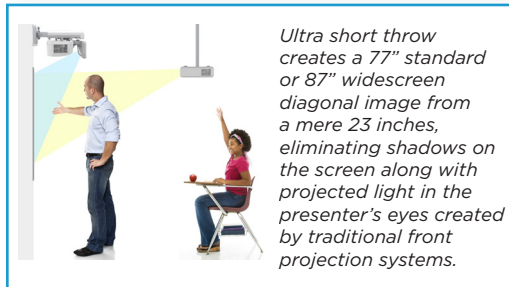
10-step image magnification with location control

WARRANTY

Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. The lamp is covered for one year or 500 hours - whichever comes first. InstaCare provides the original owner one year of either limited 3-business-day repair/return or next-business-day exchange.

SHIPS WITH

Remote control, batteries, RGB cable, power cord, user's manual, product registration card



Wall mount (NP04WK1)

This mount is available separately or as a bundle (NP-UM330X-WK and NP-UM330W-WK1).



ORDERING MODEL NUMBERS

NP-UM330X
NP-UM330W

Specifications for UM330X/UM330W

OPTICAL

Display Technology
Light Output (lumens)
Resolution
Native
Maximum Contrast Ratio (up to)
Lamp Type
Lamp Life (up to)
Screen Size (diagonal)
Throw Ratio
Projection Distance
Projector Angle
Lens*
Zoom
Focus
F-#, f-#
Keystone Correction

UM330X: 0.63" LCD with MLA
UM330W: 0.59" LCD with MLA
3300
UM330X: XGA 1024 x 768
UM330W: WXGA 1280 x 800
UXGA 1600 x 1200
3000:1
265W AC
3000 hours normal / 6000 hours eco
UM330X: 61.5 to 116.6 in. / 1562 to 2962mm
UM310W: 58 to 110 in. / 1473 to 2794mm
0.36:1
17.6 to 33.6 in. / 448 to 854mm
UM330X: 53.1°
UM330W: 49.2°
1 - 1.4
Manual
F=1.80, f=4.78mm
+/- 10°

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate
Horizontal
Vertical
Supported Video Standards
SD/HD Video Signal Compatibility
PC Signal Compatibility
Macintosh Compatibility
Input/Output Terminals
RGB1 (analog)
RGB2 (digital)
RGB3 (digital)
RGB4 (digital)
Video 1
Video 2
Audio 1
Audio 2
Audio 3
Audio Out
Monitor Out
Microphone
Wireless LAN
Audio
External Control
Sync Compatibility

15 - 100 kHz
50 - 120 Hz
NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM
480i, 480p, 576i, 576p, 720p, 1080i, 1080p
VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
Yes
15-pin, component video using ADP-CV1E adapter
HDMI
HDMI
USB A Type
RCA
S-Video
1/8 in. stereo
1/8 in. stereo
L/R RCA (shared by video sources)
Yes (variable)
Yes
1/8 in. stereo
Optional
16W speaker
RS-232, IR, Wired LAN, Wireless LAN (optional), USB
Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements
Input Current
Power Consumption
Normal Mode / ECO Mode / Standby

100 - 240V AC, 50/60 Hz
4.0A / 2.0A
344W / 233W / 8W / 0.2W

MECHANICAL

Installation Orientation
Dimensions (WxDxH)
Net Weight
Fan Noise
Regulations

Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear
16 x 23.3 x 4.4 in. / 429 x 592 x 112mm
12.6 lbs. / 5.7 kg
35 dB normal / 32 dB eco
USA UL 60950-1 FCC Class B, C-UL CSA 60950-1 ICES-003
Class B

ENVIRONMENTAL

Operational Temp
Humidity
Storage

41° - 104°F / 5° - 40°C
20-80% non-condensing
-4° - 122°F / -20° - 50°C

OPTIONAL ACCESSORIES

NP02LM1
NP17LP-UM
SPKR30
NP02Wi
NP04WK1
RMT-PJ31
NP01PI
SC200
SCP200
ADP-CV1E
PWRCRD-PJPX
RGBCBL-PJPX
NECEW1-MP
NECEW2-MP
ADVEXON1-MP
ADVEXON2-MP

802.11b/g/n wireless LAN adapter
Replacement lamp
Amplified 30-watt speaker
Interactive eBeam module and pen
Wall mount
Replacement remote control
Stylus pen
Security cable for connection to projector
Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts
Component video adapter converts component video to D-sub 15-pin
Power cable
RGB cable
Extends term of parts and labor warranty to 3 years
Extends term of parts and labor warranty to 4 years
Extends term of InstaCare service program to 2 years
Extends term of InstaCare service program to 3 years

