UM Series

UM361X and UM351W ultra short throw projectors

The UM361X and UM351W 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 20-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 interactive multi-pen module transforms any existing flat surface into an interactive workspace. Delivering genuine benefits, these bundles not only support multiple pens (and gestures) but also are quick and easy to use
- DisplayNote® multiuser license allows you to present, share, and collaborate across any device or platform
- Fast and easy auto-calibration means you are up and running in no time
- 2x super-fast charging pens are included
- With multiple pens, annotation and presentation at the board has never been easier. Whether one pen is charging while the other is in use or two people are at the board, new levels of collaboration are possible
- Interaction and annotation can take place at the board or from a mobile device (using DisplayNote®) at the same time creating a completely immersive lesson.

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

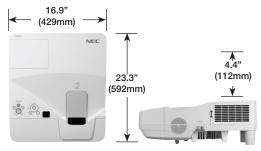## Designed with the Environment in Mind

ECO MODE

- 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

Table Top Collaboration

- Create a new interactive working space with table top or floor projection.
- Allows complete collaboration within groups with an accessible and interactive surface.
- Variable height adjust to support screen sizes ranging from 61.5" - 90" (UM361X) and 58" - 80" (UM351W)
- Pivot function supports projection upward or downward depending on the application
- Removable table clamp for floor or table top projection

Specifications

16.9"
(429mm)

23.3"
(592mm)

4.4"
(112mm)

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 (UM361X-WK and UM351W-WK1).

Ultra short throw creates a 77" standard or 87" widescreen diagonal image from a mere 23 inches, eliminating shadows on the screen along with projected light in the presenter's eyes created by traditional front projection systems.

ORDERING MODEL NUMBERS

NP-UM361X
NP-UM351W

UM361X / UM351W	
OPTICAL	
Display Technology	UM361X: 0.63" LCD with MLA / UM351W: 0.59" LCD with MLA
Light Output (lumens)	UM361X: 3600 / UM351W: 3500
Resolution	
Native	UM361X: XGA 1024 x 768 / UM351W: WXGA 1280 x 800
Maximum	WUXGA 1920 x 1200
Contrast Ratio (up to)	4000:1
Lamp Type	255W AC
Lamp Life (up to)	3800 hours normal / 6000 hours eco
Screen Size (diagonal)	UM361X: 61.5 to 116.6 in. / 1562 to 2962mm
	UM351W: 58 to 110 in. / 1473 to 2794mm
Throw Ratio	0.36:1
Projection Distance	17.6 to 33.6 in. / 448 to 854mm
Projector Angle	UM361X: 53.1° / UM351W: 49.2°
Lens*	
Zoom	1 - 1.4
Focus	Manual
F-#, f-#	F=1.80, f=4.78mm
Keystone Correction	+/- 10° Horizontal, +/- 10° Vertical
SIGNAL COMPATIBILITY/CONNECTIVITY	
Scan Rate	
Horizontal	15 - 100 kHz
Vertical	50 - 120 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM
SD/HD Video Signal Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
PC Signal Compatibility	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB1 (analog)	15-pin, component video using ADP-CV1E adapter
RGB2 (digital)	HDMI/HML w/HDCP
RGB3 (digital)	HDMI w/HDCP
RGB4 (digital)	USB A Type
Video 1	RCA
Audio 1	1/8 in. stereo
Audio 3	L/R RCA (shared by video sources)
Audio Out	Yes (variable)
Monitor Out	Yes
Microphone	1/8 in. stereo
Wireless LAN	Optional
Audio	20W speaker
External Control	RS-232, IR, Wired LAN, Wireless LAN (optional), USB
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
ELECTRICAL	
Power Requirements	100 – 240V AC, 50/60 Hz
Input Current	3.8A / 1.6A
Power Consumption	
Normal Mode / ECO Mode / Standby	337W / 221W / 8W / 0.2W
MECHANICAL	
Installation Orientation	Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	16 x 23.3 x 4.4 in. / 429 x 592 x 112mm
Net Weight	12.4 lbs. / 5.6 kg
Fan Noise	38 dB normal / 32 dB eco
Regulations	USA UL 60950-1 FCC Class B, C-UL CSA 60950-1 ICES-003 Class B
ENVIRONMENTAL	
Operational Temp	41° – 104°F / 5° – 40°C
Humidity	20-80% non-condensing
Storage	-4° – 122°F / -20° – 50°C
OPTIONAL ACCESSORIES	
NP05LM1	802.11b/g/n wireless LAN adapter
NP33LP	Replacement lamp
SPKR30-2	Amplified 30-watt speaker
NP03Wi	Interactive eBeam module and pen
NP04WK1	Wall mount
RMT-PJ36	Replacement remote control
NP02Pi	Stylus pen
SC200	Security cable for connection to projector
SCP200	Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts
NP01TK	Table Top Mount
ADP-CV1E	Component video adapter converts component video to D-sub 15-pin
PWRCRD-PJPX	Power cable
RGBCBL-PJPX	RGB cable
NECEW1-MP	Extends term of parts and labor warranty to 3 years
NECEW2-MP	Extends term of parts and labor warranty to 4 years
ADVEXON1-MP	Extends term of InstaCare service program to 2 years
ADVEXON2-MP	Extends term of InstaCare service program to 3 years

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