

\Orchestrating a brighter world

**NEC**

Less shadow and glare give you more flexibility to engage with your audience.

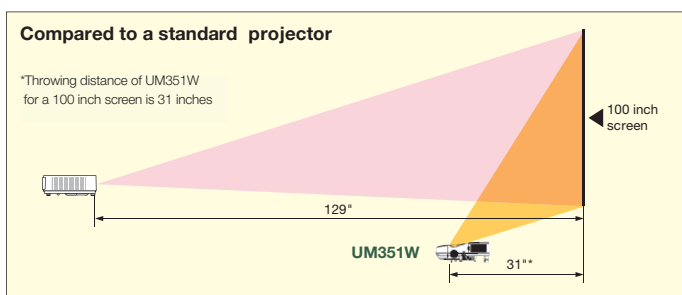
**UM351W UM361X**



# The UM Series allows you to enjoy great performance and flexibility with its range of advanced features

## Ultra short Throw Projection that is Optimal for Classrooms and Meeting Areas

Thanks to the ultra short throw lens, the UM351W can project a 100" diagonal image from only 31" (the distance from the edge of the projector to the screen is only 17 inches). Shadows do not easily form even when someone stands in front of the projector, making it suitable for classrooms, small meeting areas, shop windows, and a wide variety of other locations if installed on the wall or the ceiling.



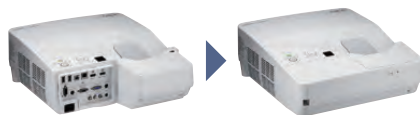
## A Light Output of 3,600 ANSI lumens\*, the Highest in its Category

Projects a sharp image even in bright rooms thanks to its light output of 3,600 ANSI lumens, the best performance in its category.

\*1: When ECO mode off is selected in UM361X

## Accessory Cable Cover

A cover is included to protect connected devices and hide unsightly cables.



## Optional Interactive Solutions

Pen and touch interactive capabilities can be added to UM Series projectors. The NP03Wi kit includes two pens and a camera module for at the board control of the computer and on-screen annotations.

The NP01TM touch module provides touch based interactive control and annotations.



## Table Projection

For unique applications, projecting images onto a table, floor or ceiling is possible.



## 20 W Speaker is powerful enough for use in large rooms

A built-in monaural speaker with powerful 20 W output provides excellent sound even in classrooms and conference rooms. This projector also comes with a microphone input, allowing your voice to be projected via the internal speaker.



## Get Connected with a Wide Selection of Inputs and Outputs advanced features

### USB Display Function

Using a commercially available USB cable (compatible with USB 2.0 specifications) to connect the computer with the projector allows you to send your computer screen image and sound to the projector without the need of traditional computer cables.

### USB Viewer

This series projector can deliver a solution when you would prefer to leave your laptop computer behind for a presentation. Simply place your file onto a USB drive and plug it into the projector's USB port. This allows you to display images stored as JPEGs from optional USB storage

### DisplayNote

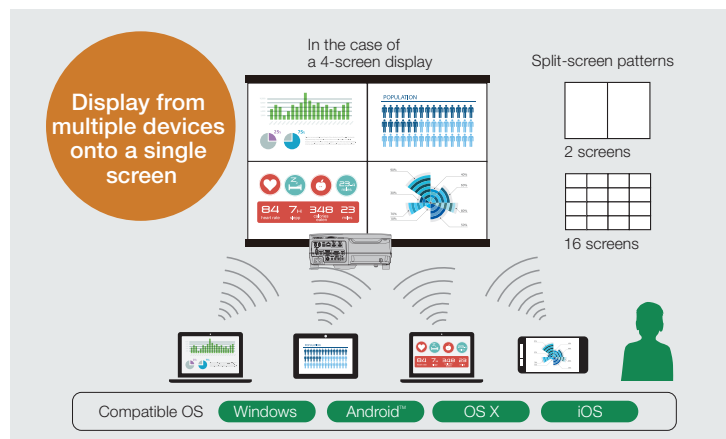
A DisplayNote for NEC license with 5 connections is provided with UM projector purchases. DisplayNote includes an on-screen tool bar that enables colorful annotations over any program. Teachers can use a tablet to view content, control the host computer and make on-screen annotations - this allows teachers to step away from the whiteboard to assist students. Students can view and share content from their devices, can make annotations and save files to review after class. For whole class collaboration, an optional multi-user license with cloud based connectivity is available.



## Multi-screen Projection Function\*

The multi-screen projection function allows you to view screens from multiple devices. Display information from up to 16 PCs, tablet PCs, smart phones, and other network connected devices on a multi-screen display of up to 16 screens. Easily share screens and information regardless of device or operating system.

\* Requires an optional wireless LAN module for wireless connection. PCs require the installation of the Image Express Utility Lite software from the included CD-ROM. Smart phones and tablets require the download and installation of our Wireless Image Utility app.



## NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.



## Virtual Remote Tool

The utility software Virtual Remote Tool included on the supplied NEC Projector CD-ROM can display the Virtual Remote (or toolbar) on your computer screen. This allows you to turn the projector power on or off and select signals from a computer display cable (VGA), serial cable, or LAN connection.



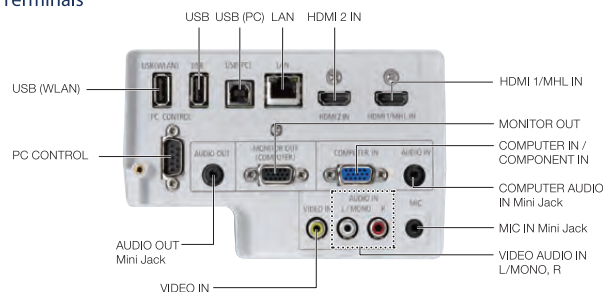
## Other Networking Capabilities

- Simple Access Point
- PC Control Utility 4.0 for Windows
- PC Control Utility 5.0 for Mac
- CRESTRON ROOMVIEW™ with emergency function
- AMX BEACON
- HTTP server
- PJLink

## Other Useful Features and Functions

- Equipped with a high-performance filter to provide superior dust-proofing
- Auto power-on via the HDMI 1, HDMI 2 and COMPUTER input terminals when a signal is detected from a computer
- Sleep timer can be set to automatically turn off the projector at set countdown times
- Power management automatically turns off the projector when an incoming signal is not detected from any of the inputs
- Intuitive plug and play setup and operation
- PC-based geometric correction and 3D Reform™ function
- Includes a remote with the control ID registration function, which allows operation of multiple projectors with a single remote
- Wall color correction for vivid images even without a screen
- DICOM simulation
- Security bar / Kensington lock / Control panel lock and password lock
- Low power consumption (0.4 W in 240 V AC stand-by mode) minimizes energy costs
- The carbon meter lets you check the amount of CO2 you reduced by using ECO Mode

### Terminals



**UM351W**

3,500ANSI lumens

WXGA

5.6 kg

**UM361X**

3,600ANSI lumens

XGA

5.6 kg

## WARRANTY

Registered owners receive a 2 year parts (excluding consumables) and labor warranty including the first year of InstaCare. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange.

## IN THE BOX

Remote control, batteries, power cord, user's manual on CD-ROM, quick start guide, product registration card.

## ACCESSORIES

|                    |  |
|--------------------|--|
| <b>SCP200</b>      | Suspended ceiling plate  |
| <b>NP05LM1</b>     | 802.11b/g/n wireless LAN adapter   |
| <b>NP04WK</b>      | Wall mount   |
| <b>NP01TK</b>      | Table top mount  |
| <b>NP01UCM</b>     | Universal ceiling mount  |
| <b>SCP200</b>      | Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts |
| <b>NP33LP</b>      | Replacement lamp   |
| <b>NP02Pi</b>      | Interactive stylus pen   |
| <b>RMT-PJ36</b>    | Replacement remote control   |
| <b>SC200</b>       | Security cable for connection to projector                                     |
| <b>ADP-CV1E</b>    | Component video to D-sub 15-pin adapter  |
| <b>NECEW1-MP</b>   | Extends term of parts and labor warranty to 3 years                            |
| <b>NECEW2-MP</b>   | Extends term of parts and labor warranty to 4 years                            |
| <b>ADVEXON1-MP</b> | Extends term of InstaCare service program to 2 years                           |
| <b>ADVEXON2-MP</b> | Extends term of InstaCare service program to 3 years                           |

## ORDERING MODEL NUMBERS

|                      |   |
|----------------------|---|
| <b>NP-UM361X</b>     | XGA projector   |
| <b>NP-UM361X-WK</b>  | XGA projector with wall mount                                       |
| <b>NP-UM361Xi-WK</b> | XGA projector, wall mount and interactive pen module                |
| <b>NP-UM361Xi-TM</b> | XGA projector, wall mount, interactive pen module and touch module  |
| <b>NP-UM351W</b>     | WXGA projector  |
| <b>NP-UM351W-WK</b>  | WXGA projector with wall mount                                      |
| <b>NP-UM351Wi-WK</b> | WXGA projector, wall mount and interactive pen module               |
| <b>NP-UM351Wi-TM</b> | WXGA projector, wall mount, interactive pen module and touch module |

|   |                         | NP-UM351W   | NP-UM361X              |
|---|-------------------------|---|------------------------|
| Display Technology                                    |                         | 0.59 inch LCD with MLA  | 0.63 inch LCD with MLA |
| Native Resolution                                     |                         | WXGA 1280 x 800   | XGA 1024 x 768         |
| Lens  |                         | Manual Focus F=1.80, f=4.78mm, Throw Ratio 0.36:1, zoom 1 - 1.4   |                        |
| Light source (Lamp)                                   | ECO mode                | 160 W   | 160 W                  |
|   | Normal ECO mode         | 200 W   | 200 W                  |
|   | ECO mode off            | 255 W   | 255 W                  |
| Lamp life   | ECO mode                | 6,000 H   | 6,000 H                |
|   | Normal ECO mode         | 5,000 H   | 5,000 H                |
|   | ECO mode off            | 3,800 H   | 3,800 H                |
| Filter life   |                         | Same as lamp life   |                        |
| Image size  |                         | 58 to 110 inches  | 61.5 to 116.6 inches   |
| Light output  | ECO mode off            | 3,500 ANSI lumens   | 3,600 ANSI lumens      |
|   | Normal ECO mode         | Approx. 80% of ECO off  |                        |
|   | ECO mode                | Approx. 60% of ECO off  |                        |
| Contrast ratio (white / black)                        |                         | 4,000:1 with Iris   | 6,000:1 with Iris      |
| Maximum input resolution                              |                         | Up to WUXGA (1920 x 1200) with Advanced AccuBlend   |                        |
| Scan rate   | Horizontal              | 15 kHz to 100 kHz (RGB: 24 kHz or over)   |                        |
|   | Vertical                | 50 Hz to 120 Hz   |                        |
| Keystone correction                                   | Horizontal              | Manual : ± Max 10 degrees   |                        |
|   | Vertical                | Manual : ± Max 10 degrees   |                        |
| Supported Video Standards                             |                         | NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p  |                        |
| PC Signal Compatibility                               |                         | VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA  |                        |
| Input Terminals                                       | Computer                | Mini D-sub 15 pin x 1 (component video using ADP-CV1E adapter)  |                        |
|   | Audio                   | Stereo mini jack x 1  |                        |
|   | Video                   | RCA x 1   |                        |
|   | Audio                   | (L/R) RCA x 1   |                        |
|   | HDMI                    | HDMI x 2 (1 with MHL)   |                        |
| Output terminals                                      | MIC                     | Mini jack x 1   |                        |
|   | Audio                   | Mini D-sub 15 pin x 1<br>Stereo mini jack x 1   |                        |
| Wired LAN port  |                         | RJ-45 (10BASE-T / 100BASE-TX) x 1   |                        |
| Wireless LAN port                                     |                         | Yes (USB type A)  |                        |
| External Control                                      |                         | RS232, IR, Wired LAN, Wireless LAN (optional), USB  |                        |
| Sync Compatibility                                    |                         | Separate Sync / Composite Sync / Sync on G  |                        |
| USB port (for USB display)                            |                         | Type A x 1, (type B x 1)  |                        |
| Built-in speaker                                      |                         | 20 W monaural   |                        |
| Usage environment                                     | Operational temperature | 5°C to 40°C, 20% to 80% humidity (no condensation) (ECO MODE) is set automatically to [ON] at 35°C to 40°C  |                        |
|   | Storage temperature     | -10°C to 50°C, 20% to 80% humidity (no condensation)  |                        |
| Power requirement                                     |                         | 100 - 240V / AC, 50/60Hz  |                        |
| Input current   |                         | 3.8 A to 1.6 A  |                        |
| Power consumption (100 to 130 V AC / 200 to 240 V AC) | ECO mode off            | 337 W / 324 W   |                        |
|   | Normal ECO mode         | 265 W / 257 W   |                        |
|   | ECO mode                | 221 W / 214 W   |                        |
|   | Standby (Network)       | 2.1 W / 2.4 W   |                        |
|   | Standby (Normal)        | 0.2 W / 0.4 W   |                        |
| Installation Orientation                              |                         | Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear  |                        |
| Projector Dimensions (W x H x D)                      |                         | 378 x 160 x 428mm (14.9" x 6.3" x 16.9")  |                        |
| Weight  |                         | 5.6kg / 12.4lbs   |                        |
| Carton Dimensions (W x H x D)                         |                         | 591 x 259 x 491 mm (23.3" x 10.2" x 19.4")  |                        |
| Gross weight  |                         | 8.6kg / 19lbs   |                        |
| Accessories   |                         | Power cord, remote control, batteries, cable cover, signal cable, CD-ROM (User's manual / Utility software), Quick setup guide, Important information, security sticker |                        |

## OPTIONS



Replacement lamp  
NP33LP (for UM351W / UM361X)



Wall mount kit  
NP04WK



Table projection unit  
NP01TK



Interactive unit  
NP03Wi



Stylus pen  
NP02Pi



Wireless LAN module  
NP05LM1



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Cat.No. 25.NEC.80.GL.UN.182 | Rev. 02.17.2016

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