



Archived resources

For further resources and
documentation please visit us:
www.cinos.net

NEC V SERIES

*V311X and V311W
digital projectors*

Affordable with essential features, V Series mobile projectors are designed to provide brilliant display of information in meeting and conference rooms.



Essential Features

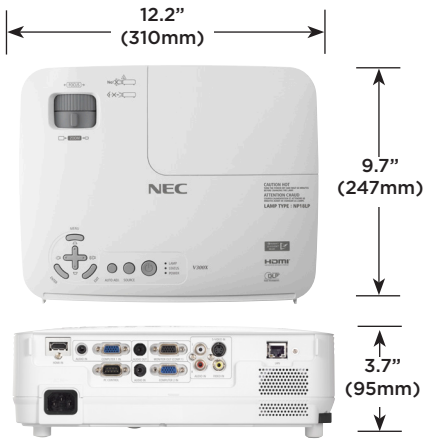
- Bright images can be easily viewed in most applications
- High contrast images (3000:1) from the latest Texas Instruments DLP® engine featuring BrilliantColor™ technology with improved color accuracy
- Intuitive remote control provides one-touch source changes and complete menu control
- Integrated RJ45 connection for quick connection to the LAN 10/100 base-T capability
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

Environmentally-Conscious

- Extended lamp life with ECO Mode™ technology increases lamp life up to 5000 hours, while lowering power consumption
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On via the RGB (15-pin) input connector when a signal is detected from a computer
- Carbon savings meter calculates the positive effects of operating the projector in ECO Mode, which is encouraged by an optional message at startup. A green ECO Mode button on the remote control makes the switch easy.
- Quick start (3 to 4 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage

Versatile and Powerful

- Powerful 7-watt speaker provides volume needed for large rooms
- Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Plug and Play setup and operation optimizes images displayed from computers and video sources
- VIDi technology, a Phillips innovation designed to work in conjunction with the color wheel, uses a brilliant pulse to increase the brightness of the image and a dark pulse to increase the contrast ratio
- Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA, HDMI, composite and S-Video inputs
- Compact size and lightweight design simplifies transport of projector
- 10-step image magnification with location control allows you to zoom in on key information
- AV mute and video image freeze allows you to control the presentation and focus audience attention



UNIQUE FEATURES

BrilliantColor™ technology advanced video processing from Texas Instruments delivers more vibrant and realistic colors and blacks richer with detail.

Crestron Roomview provides unified management, including the ability to switch the power on and off for multiple projectors connected to a network.

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.

Filter-free design eliminates the hassle and time spent monitoring and/or changing filters

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

Specifications for NP-V311X/V311W

OPTICAL

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

V311X: 0.55" DLP by Texas Instruments with BrilliantColor
V311W: 0.65" DLP by Texas Instruments with BrilliantColor
3100 normal
V311X: XGA 1024 x 768
V311W: WXGA 1280 x 800
3000:1
225W AC
3000 hours normal / 5000 hours eco
33 - 300 in. / 838 to 7620mm
V311X: 1.95 - 2.15
V311W: 1.55 - 1.70
V311X: 3.9 to 39.4 ft. / 1.2 to 12m
V311W: 3.3 to 36.0 ft. / 1 to 11m
V311X: 14° wide / 12.7° tele
V311W: 14.1° wide / 12.9° tele
1 - 11
Manual
F=2.41 to 2.55, f=21.83 to 24mm
+/- 40°

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 (analog)
RGB3 (digital)
Video 1
Video 2
Audio 1
Audio 2
Audio 3
Audio Out
Monitor Out
Audio
External Control
Sync Compatibility

15 - 100 kHz
50 - 120 Hz
NTSC, NTSC4.43, PAL, PAL-60, PAL-M,N, B, D, G, H, I, SECAM
480i, 576i, 480p, 576p, 720p, 1080i
VGA, SVGA, XGA, WXGA, WXGA+, UXGA
Yes
15-pin, Component video using ADP-CV1E adapter
15-pin
HDMI w/HDCP
RCA
S-Video
L/R RCA (shared by video sources)
1/8 in. stereo
1/8 in. stereo
Yes (variable)
Yes
7W speaker
RS-232, IR, Wired LAN
Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements
Input Current
Power Consumption (ECO Mode off/
ECO Mode/Standby/Standby-Power Saving)

100 - 240V AC, 50/60Hz
3.0A / 1.4A
278W / 216W / 0.4W

MECHANICAL

Installation Orientation
Dimensions (WxDxH)
Net Weight
Fan Noise
Regulations

Table/Front, Table/Rear
12.2 x 9.7 x 3.7 in. / 310 x 247 x 95mm
5.5 lbs. / 2.5 kg
37 dB normal / 33 dB eco
USA UL 1950 FCC Class B, Canada CSA 950 (C-UL), NOM

ENVIRONMENTAL

Operating Temperature
Humidity
Storage

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

ACCESSORIES

NP18LP
NP01UCM
NP21SCASE
NP02GL
RMT-PJ31
SCP200

ADP-CV1E

PWRCRD-PJPX
RGBCBL-PJPX
NECEW1-MP
NECEW2-MP
ADVEXON1-MP
ADVEXON2-MP

Replacement lamp
Universal ceiling mount
Projector carrying case
Active shutter 3-D glasses
Replacement remote control
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

Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit www.necdisplay.com for details.

ORDERING MODEL NUMBERS

NP-V311X
NP-V311W

When combined with active shutter glasses (NP02GL), 3D Ready V Series Projectors use DLP Link™ technology, developed by Texas Instruments, to create 3D images. The V311X is certified as a display device for NVIDIA® 3D Vision™, which allows you to view 3D images by using with supported graphics board or software.



Advanced AccuBlend, ECO Mode and Virtual Remote are trademarks of NEC Display Solutions. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.

©2013 NEC Display Solutions of America, Inc. All rights reserved. 25.NEC.80.GL.UN.080 rev. 9.18.13

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

necdisplay.com



For further resources and
documentation please visit us:
www.cinos.net