

VE Series

VE281 and VE281X digital projectors

**Full 2-year
warranty
(4 years for
VE281X),
including lamp**



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

Essential Features for Ease of Use

- 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

Designed with the Environment in Mind



- Extended lamp life with ECO Mode™ technology increases lamp life up to 6000 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

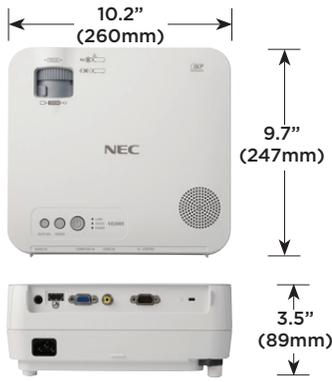
Versatile Features and Powerful Performance

- 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
- Intelligent Driving Scheme (IDS2) increases lamp life and contrast ratio
- Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
- Virtual Remote Tool corresponds to the VGA or RS-232 and allows users to utilize virtual remote functionality from a connected PC
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA, HDMI and composite 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



When combined with active shutter glasses (NPO2GL), 3D Ready VE Series projectors use DLP Link™ technology, developed by Texas Instruments, to create 3-D images.





UNIQUE FEATURES

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

Intelligent Driving Scheme (IDS2) technology has been adopted to extend the lamp life of the projector up to 6000 hours in ECO Mode and 4000 hours normal.

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 full 2-year (4-year for VE281X) parts and labor warranty including InstaCare next business day exchange. The lamp is covered for 4000 hours/4 years, whichever comes first.

SHIPS WITH

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

ORDERING MODEL NUMBERS

NP-VE281
NP-VE281X



Specifications for VE281/VE281X

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-number
Keystone Correction

0.55" DLP by Texas Instruments with BrilliantColor
2800 normal

VE281: SVGA 800 x 600
VE281X: XGA 1024 x 768
UXGA 1600 x 1200
3000:1
200W AC
4000 hours normal / 6000 hours eco
30 to 300 in. / 762 to 7620mm
1.95 to 2.15
3.9 to 43.3 ft. / 1.2 to 13.2m
14° wide / 12.7° tele
1 - 1.1
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 (digital)
Video 1
Audio 1
Audio
External Control
Sync Compatibility

15 - 100 kHz
50 - 120 Hz
NTSC, NTSC4.43, PAL-M, N, B, D, G, H, I, SECAM
480i, 576i, 480p, 576p, 720p, 1080i
VGA, SVGA, XGA, WXGA, WXGA+, SXGA,
SXGA+, UXGA
Yes

15-pin, component video using ADP-CV1E adapter
HDMI w/ HDCP
RCA
1/8 in. stereo
7W speaker
RS-232C (D-Sub 9-pin), IR
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
2.7A / 1.4A
261W / 213W / 0.4W

MECHANICAL

Installation Orientation
Dimensions (WxDxH)
Net Weight
Fan Noise
Regulations

Table/Front, Table/Rear
10.2 x 9.7 x 3.5 in. / 260 x 247 x 89mm
5.1 lbs. / 2.3 kg
35 dB normal / 33 dB eco
USA UL60950-1 FCC Part 15 Class B, Canada
CSA60950-1, NOM

ENVIRONMENTAL

Operational Temp
Humidity
Storage

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

OPTIONAL ACCESSORIES

NP01UCM
NP215CASE
NP02GL
RMT-PJ31
SCP200

ADP-CV1E

PWRCRD-PJPX
RGCBL-PJPX
NECEW1-MP (VE281)
NECEW2-MP (VE281)
ADVEXON1-MP (VE281)
ADVEXON2-MP (VE281)

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

ECO Mode is a trademark of NEC Display Solutions. BrilliantColor is a trademark, and DLP and the DLP logo are registered trademarks of Texas Instruments. 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.

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