VE Series
VE281 and VE281X digital projectors

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

Versatile Features and Powerful Performance

- Powerful 7-watt speaker provides volume needed for large rooms
- Built-in color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Intelligent Driving Scheme (IDS2) increases lamp life and contrast ratio
- Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
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- 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 (NP02GL), 3D Ready VE Series projectors use DLP Link™ technology, developed by Texas Instruments, to create 3-D images.

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

Full 2-year warranty (4 years for VE281X), including lamp
**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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ORDERING MODEL NUMBERS
NP-VE281
NP-VE281X

**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

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### Specifications for VE281/VE281X

#### OPTICAL
- **Display Technology**: 0.55" DLP by Texas Instruments with BrilliantColor
- **Light Output (lumens)**: 2800 normal
- **Resolution**: VE281: SVGA 800 x 600, VE281X: XGA 1024 x 768, UXGA 1600 x 1200
- **Maximum Contrast Ratio (up to)**: 3000:1
- **Lamp Type**: 200W AC
- **Lamp Life (up to)**: 4000 hours normal / 6000 hours eco
- **Screen Size (diagonal)**: 30 to 300 in. / 762 to 7620mm
- **Throw Ratio**: 1.95 to 2.15
- **Projection Distance**: 3.9 to 43.3 ft. / 1.2 to 13.2m
- **Lens**
  - **Zoom**: 1 - 11
  - **Focus**: Manual
  - **F-number**: F=2.41 to 2.55, f=21.83 to 24mm
  - **Keystone Correction**: +/- 40°

#### SIGNAL COMPATIBILITY/CONNECTIVITY
- **Scan Rate**
  - **Horizontal**: 15 - 100 kHz
  - **Vertical**: 50 - 120 Hz
- **Supported Video Standards**
  - NTSC, NTSC4.43, PAL-M, N, B, D, G H, I, SECAM
  - 480i, 480p, 576i, 576p, 720p, 1080i
- **PC Signal Compatibility**
  - VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
- **SD/HD Video Signal Compatibility**
  - Yes
- **Input/Output Terminals**
  - RGB1 (analog)
  - RGB2 (digital)
  - Video 1
  - Audio 1
  - Audio
  - External Control
  - Sync Compatibility
    - Separate Sync / Composite Sync / Sync on G

#### ELECTRICAL
- **Power Requirements**: 100 – 240V AC, 50/60 Hz
- **Input Current**: 2.7A / 1.4A
- **Power Consumption**: 261W / 213W / 0.4W

#### MECHANICAL
- **Installation Orientation**: Table/Front, Table/Rear
- **Dimensions (WxDxH)**: 10.2 x 9.7 x 3.5 in. / 260 x 247 x 89mm
- **Net Weight**: 5.1 lbs. / 2.3 kg
- **Fan Noise**: 35 dB normal / 33 dB eco
- **Regulations**: USA UL60950-1 FCC Part 15 Class B, Canada CSA60950-1, NOM

#### ENVIRONMENTAL
- **Operational Temp**: 41° – 104°F / 5° – 40°C
- **Humidity**: 20-80% non-condensing
- **Storage**: -4° – 122°F / -20° – 50°C

#### OPTIONAL ACCESSORIES
- **NP01UCM**
- **NP215CASE**
- **NP02GL**
- **RMT-PJ31**
- **SCP200**
- **ADP-CV1E**
- **PWRCRD-PJPX**
- **RGBCL-PJ PX**
- **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

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