# Dukane

## *6133 and 6133W ultra short throw projectors*

The 6133 and 6133W 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 16-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
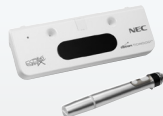
- The optional interactive eBeam module (NP02Wi) connects between the eBeam module and the computer, and uses IR to determine the included pen's position within the image for accurate control and annotation.
- A complete software package designed specifically for the NP02Wi includes the eBeam Education Suite, eBeam Scrapbook, eBeam Tool Palette and eBeam Home. eBeam Workspace is ideal for corporate customers.

## 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

- 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

**DUKANE**

16.9" (429mm)

23.3" (592mm)

4.4" (112mm)
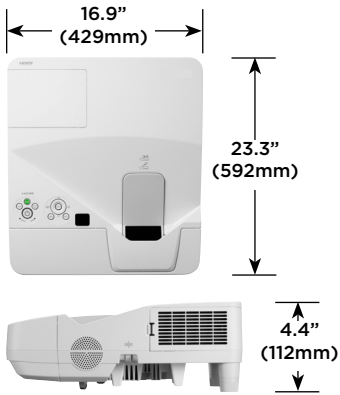
## UNIQUE FEATURES

**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

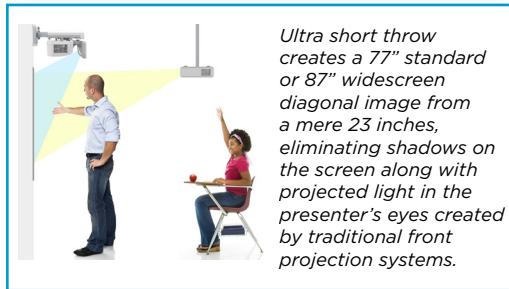**Kensington lock slot** enables security cable to be attached to projector.

**10-step image magnification** with location control

## WARRANTY

Five (5) year limited warranty plus Dukane's one (1) year Peace of Mind Loaner Program

## SHIPS WITH

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

*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.*

### Wall mount (NP04WK1)
*This mount is available separately or as a bundle 6133M and 6133WM).*

## ORDERING MODEL NUMBERS

6133
6133W

# Specifications for 6133/6133W

| **OPTICAL** | |
|---|---|
| Display Technology | 6133: 0.63" LCD with MLA |
| | 6133W: 0.59" LCD with MLA |
| Light Output (lumens) | 3300 |
| Resolution | |
| Native | 6133: XGA 1024 x 768 |
| | 6133W: WXGA 1280 x 800 |
| Maximum | UXGA 1600 x 1200 |
| Contrast Ratio (up to) | 3000:1 |
| Lamp Type | 265W AC |
| Lamp Life (up to) | 3000 hours normal / 6000 hours eco |
| Screen Size (diagonal) | 6133: 61.5 to 116.6 in. / 1562 to 2962mm |
| | UM310W: 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 | 6133: 53.1° |
| | 6133W: 49.2° |
| Lens* | |
| Zoom | 1 - 1.4 |
| Focus | Manual |
| F-#, f-# | F=1.80, f=4.78mm |
| Keystone Correction | +/- 10° |

| **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 |
| RGB3 (digital) | HDMI |
| RGB4 (digital) | USB A Type |
| Video 1 | RCA |
| Video 2 | S-Video |
| Audio 1 | 1/8 in. stereo |
| Audio 2 | 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 | 16W 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 | 4.0A / 2.0A |
| Power Consumption | |
| Normal Mode / ECO Mode / Standby | 344W / 233W / 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 | 12.6 lbs. / 5.7 kg |
| Fan Noise | 35 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** | |
|---|---|
| NP02LM1 | 802.11b/g/n wireless LAN adapter |
| 456-6133 | Replacement lamp |
| SPKR30 | Amplified 30-watt speaker |
| NP02Wi | Interactive eBeam module and pen |
| NP04WK1 | Wall mount |
| RMT-PJ31 | Replacement remote control |
| NP01Pi | Stylus pen |
| SC200 | Security cable for connection to projector |
| SCP200 | Lightweight adjustable suspended ceiling plate for use with Dukane ceiling mounts |
| ADP-CV1E | Component video adapter converts component video to D-sub 15-pin |
| PWRCRD-PJPX | Power cable |
| RGBCBL-PJPX | RGB cable |

EcoCare™  InstaCare
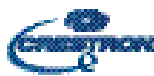
**HDMI™** HIGH-DEFINITION MULTIMEDIA INTERFACE

**DUKANE**