

NEC UM351Wi (Multi-Touch) Interactive Multi-Touch Projector

Datasheet



Get great performance while saving the environment. Advanced Eco features help to substantially lower your operating cost without compromising on quality and flexibility. Less shadow and glare gives the presenter more space to engage with his audience and enhances the experience when using the interactive multi-touch solution.

The UM351Wi is particularly suited for classrooms and small to medium sized meeting rooms.

Benefits

No Shadow and Glare thanks to ultra-short throwing distance - for an enhanced interactive whiteboard experience and more space to engage with your audience when presenting.

Minimized Cost of Ownership - due to long lamp life and lower power consumption.

Innovative new Eco functions - to reduce power consumption.

Wall-mount included - for quick and easy installation, compatible with height adjustable systems.

Future proof connectivity - due to numerous analog and digital connection terminals including MHL support, network capability as well as optional wireless connectivity.

Product Information

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|---------------|-----------------------------------|
| Product Name | NEC UM351Wi (Multi-Touch) |
| Product Group | Interactive Multi-Touch Projector |
| Order Code | 60004204 |

Image

| | |
|--------------------------------------|--|
| Projection Technology | 3LCD Technology |
| Native Resolution | 1280 x 800 (WXGA) |
| Aspect Ratio | 16:10 |
| Contrast Ratio ¹ | 6000:1 |
| Brightness ¹ | 3500 ANSI Lumen (approx. 80% in Normal, 60% in Eco Mode) |
| Lamp | 255 W High Bright / 200 W Normal / 160 W Eco Mode |
| Light Source Life [hrs] | 6000 Eco / 5000 Normal / 3800 High Bright Mode |
| Lens | F= 1.8, f= 4.78 mm |
| Lens Offset [%] | 81 |
| Keystone correction | +/- 10° manual horizontal / +/- 10° manual vertical |
| Projection Angle [°] | 49.2 |
| Projection Factor | 0.36 : 1 |
| Projection Distance [m] | 0.1 - 0.51 |
| Screen Size (diagonal) [cm] / [inch] | Maximum: 279.4 / 110"; Minimum: 147.3 / 58" |
| Zoom | 1.4 x Digital Zoom |
| Focus Adjustment | Manual |
| Supported Resolutions | 1024 x 768 (XGA); 1280 x 800 (WXGA); 1600 x 900 (WXGA++); 640 x 480 (VGA/MAC 13"); 1152 x 864 (XGA); 1280 x 960 (SXGA); 1680 x 1050 (WSXGA+); 720 x 480 SDTV 576p/576i; 1152 x 870 (MAC 21"); 1360 x 768 (WXGA); 1920 x 1080 (HDTV 1080i/60; 720 x 576 SDTV 480p/480i; 1280 x 1024 (MAC 23"); 1366 x 768 (WXGA); 1400 x 1050 (SXGA+); HDTV 1080i/50); 800 x 600 (SVGA); 1280 x 1024 (SXGA); 1440 x 900 (WXGA+); 1920 x 1200 (WUXGA); 832 x 624 (MAC 16"); 1280 x 720 (HDTV 720p); 1600 x 1200 (UXGA); 1280 x 768 (WXGA); |
| Frequency | Horizontal: 15-100 kHz (RGB: 24 kHz- 100 kHz); Vertical: 50 - 120 Hz |

Connectivity

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| RGB (analog) | Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin |
| Digital | Input: 1 x HDMI™ (Deep Color, Lip sync); 1 x HDMI™ with MHL support |
| Video | Input: 1 x RCA |
| Audio | Input: 1 x 3.5 mm Stereo Mini Jack; 1 x RCA Stereo Output: 1 x 3.5 mm Stereo Mini Jack (variable) |
| Microphone | Input: 1 x 3.5 mm Stereo Mini Jack (Dynamic mic) |
| Control | Input: 1 x D-Sub 9 pin (RS-232) (male) |
| LAN | 1 x RJ45; Optional WLAN |
| USB | 1 x Type B; 2 x Type A (USB 2.0 high speed) |
| Video Signals | NTSC; NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM |

Remote Control

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| Remote Control | Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Direct Source Select; Freeze; Help Eco Mode; Help-function; ID set; Keystone Correction; Picture Adjust; Presentation and Mouse Control |
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Electrical

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| Power Supply | 100-240 V AC; 50 - 60 Hz |
| Power Consumption [W] | 257 (Normal) / 214 (Eco) / 3 (Network Stand-by) / 0.5 (Stand-by); 324 (High Bright) |

Mechanical

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| Dimensions (W x H x D) [mm] | 378 x 112 x 428 (without lens and feet) |
| Weight [kg] | 5.6 |
| Fan Noise [dB (A)] | 28 / 29 / 38 (ECO / Normal / High Bright) |

Environmental Conditions

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| Operating Temperature [°C] | 5 to 40 |
| Operating Humidity [%] | 20 to 80 non-condensing |
| Storage Temperature [°C] | -10 to 50 |
| Storage Humidity [%] | 20 to 80 non-condensing |

Ergonomics

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| Safety and Ergonomics | CE; Gost-R; RoHS; TÜV GS |
| Speakers [W] | 1 x 20 (mono) |

Additional Features

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| Special Characteristics | AMX Beacon; Auto Eco Mode; Auto Power ON/OFF; Carbon Savings Meter; Colour Management; Content Transmission via Network; Crestron RoomView; DICOM simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; Magnify; NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; PJ LINK; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; Test Pattern; USB Display; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction |
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Green Features

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| Energy Efficiency | 75 % AV mute function; Auto ECO Mode; ECO scheduler; Green one touch ECO and AV mute button; Intelligent Power Management; Longer Light Source Life; Reduced power consumption. Only 0.4W stand-by; Software scheduling |
| Ecological Materials | 100% recyclable packaging; Downloadable manuals; ECO packaging |
| Ecological Standards | ErP compliant; RoHs compliant |

Warranty

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| Projectors | 3 years pan-European service |
| Light Source | 6 months, max. 1000 hrs |

Shipping Content

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| Shipping Contents | Interactive Module incl. 2 pens (NP04Wi); IR Remote Control (RD-469E); Mini D-SUB Signal Cable; Multi-Touch Module (NP01TM); Power Cord (3 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Wall-mount kit NP04WK |
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Optional Accessories

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| Optional Accessories | DisplayNote; Lamp (NP33LP); Manual Height Adjustable Wall Mount PJ03WHM; Mobile Motorized Wall Mount NP02HM; PJ03MHA; Motorized Height Adjustable Wall Mount PJ03WHA; Wireless LAN module (NP05LM2/4/5) |
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¹ Compliance with ISO21118-2012



TüV GS



RoHS



CE



Gost-R

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