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E-VISION LASER 5100 DIGITAL PROJECTOR

THE VISIONARIES CHOICE




E-Vision Laser 5100 WUXGA

4,500 ANSI / 5,100 ISO Lumens | Contrast Ratio: 2,000:1 Native 20,000:1 Dynamic | Part Number: 120-552

Key Specifications:

| | |
|---------------------------|--|
| Colour System: | Laser Phosphor |
| Display Type: | 1 x 0.67" DarkChip™ DMD™ |
| DMD Specification: | 1920 x 1200 pixels native resolution. Fast transit pixels for smooth greyscale and improved contrast. |
| Aspect Ratio: | 16x10 |
| Fill Factor | |
| Key Features: | <p>Video & Graphics Processing</p> <ul style="list-style-type: none">• HDMI 1.4a for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats.• Synchronisation of active 3D glasses.• DICOM simulation mode.• Mobile High-Definition Link (MHL™) connection allows mirrored content from smartphones, tablets and other portable consumer electronics devices. <p>Geometry Correction</p> <ul style="list-style-type: none">• Vertical & Horizontal Keystone correction (2D: Vertical $\pm 15^\circ$, Horizontal $\pm 15^\circ$).• Four Corner adjustment.• Selectable 16:9, 4:3, Native, Letterbox and Full Screen aspect ratios.• Digital Zoom +10~-10. <p>HDBaseT® Interface</p> |

| | | | |
|--|--|--------------|-----|
| | <ul style="list-style-type: none">Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.Allows the projector to be placed up to 100m from the source with low cost cabling.HDBaseT® includes audio, Ethernet 100BaseT and RS232/IR control. <p>Colour Processing</p> <ul style="list-style-type: none">2 x speed, 3 Segment (GBY) Phosphor wheel.2 x 120Hz speed, 4 Segment (RGBY) Colour wheel.10-bit colour display.Powerful seven point colour correction for accurate colour matching. | | |
| Source Compatibility | Graphics standards up to 1920 x 1200 resolution at 60Hz. Input support for 4K-UHD, 3840 x 2160 and 4096 x 2160 at 60 Hz. | | |
| Inputs/Outputs | Video & Computer | | |
| | Type | Connector | Qty |
| | HDMI 1.4a | HDMI | 2 |
| | HDMI 1.4a + MHL | HDMI | 1 |
| | VGA / Analog RGB | 15-pin D-Sub | 1 |
| | VGA / Monitor Out | 15-pin D-Sub | 1 |
| Composite Video | RCA | 1 | |
| HDBaseT | RJ45 | 1 | |
| USB Type A / (5V/1.5A) | USB Type A | 1 | |
| NOTE: The USB is to power WHDI™ interfaces. | | | |
| Audio: | | | |
| Audio IN L+R | Phono | 2 | |
| Audio IN L+R | 3.5 mm jack | 1 | |
| Mic IN | 3.5 mm jack | 1 | |
| Audio OUT (variable) | 3.5 mm jack | 1 | |
| Speakers | 5W speaker | 2 | |
| . | | | |
| Communication & Control | | | |
| Type | Connector | Qty | |
| LAN | RJ45 9-pin D-sub Mini B VESA 3-PIN mini DIN | 1 | |
| RS-232C | | 1 | |
| USB (for Service) | | 1 | |
| 3D Sync Out | | 1 | |
| NOTE: The HDBaseT and LAN ports are not shared. | | | |
| 3D Formats Supported | Frame Packing Frame Sequential Side By Side (half) Top and Bottom | | |
| HDTV Formats Supported | 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz),1080i (50Hz, 60Hz), 720p (50, 60Hz) | | |
| Computer Compatibility | VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz | | |
| Bandwidth | | | |
| Remote Control | IR remote control, 2 x IR receivers (front sensitivity up to 7m, rear sensitivity up to 10m) | | |
| Automation Control | LAN control - Crestron RoomView® Connected | | |

| | LAN control - Crestron eControl LAN control - Extron LAN control - AMX SSDP LAN control to RS232 by Telnet HDBaseT communication Projector status email alerts PJ Link (Class1) | | | | | | | | |
|--------------------------------|--|------------------------|----------------------------------|------------------------|--------------------|--------|-----|---------------|----------------------------------|
| Colour Temperature | Warm / Normal / Cold | | | | | | | | |
| Operation |  | | | | | | | | |
| illumination Type | Laser Light Source | | | | | | | | |
| Typical illumination Life | 20,000 hours | | | | | | | | |
| Lenses | <table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr><tr><td>0.5 :1</td><td>N/A</td><td>0.76m - 3.23m</td><td>Vert: Fixed Offset 0.6 (U) frame</td></tr></table> <p>* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,</p> | Lens | Part No. | Optimised Focus Range* | Lens Shift (Frame) | 0.5 :1 | N/A | 0.76m - 3.23m | Vert: Fixed Offset 0.6 (U) frame |
| Lens | Part No. | Optimised Focus Range* | Lens Shift (Frame) | | | | | | |
| 0.5 :1 | N/A | 0.76m - 3.23m | Vert: Fixed Offset 0.6 (U) frame | | | | | | |
| Lens Mount | Manual focus | | | | | | | | |
| Mechanical Mounting | Front/Rear Front/Rear Ceiling Two adjustable front feet, 10° (43mm) Ceiling Mount compatible chassis with 7 off M4 mounting holes | | | | | | | | |
| Orientation | Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes | | | | | | | | |
| Power Requirements | 100-240VAC 50/60Hz single phase | | | | | | | | |
| Power Consumption | Normal Mode (100%) 480W @230V 500W @110V Eco Mode (80%) 355W @230V 365W @110V | | | | | | | | |
| Thermal Dissipation | Normal Mode (typical): 1706 BTU/Hour @ 110VAC 1638 BTU/Hour @ 230VAC | | | | | | | | |
| Fan Noise | Normal Mode Typ: 36 dBA / Max: 38 dBA | | | | | | | | |
| Operating/Storage Temperature: | Operating: 0° to 40°C (32F to 104F) Storage: -20° to 60°C (-4F to 140F) | | | | | | | | |
| Operating Humidity | 10 to 85% non-condensing | | | | | | | | |
| Weight | 10.5 kg / 23.21 lbs | | | | | | | | |
| Dimensions | L: 43.71 cm W: 36.0 cm H: 17.71 cm L: 17.2 in W: 14.17 in H: 6.97 in | | | | | | | | |
| Safety & EMC Regulations | UL/cUL, CB, CCC/CECP, FCC Class B, FDA, CE IEC 60825-1:2007 3R IEC60825-1:2014 Class 1 IEC EN 62471-5 Risk Group 2 | | | | | | | | |

| | | |
|-------------|---|----------|
| Accessories | Accessory | Part No. |
| | Infrared Remote (replacement) | 117-880 |
| | <i>*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.</i> | |
| Downloads | PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings | |
| User Guide | User Guides User Guides (German) User Guides (French) Laser Risk Group Document Important Information Important Information (German) Important Information (French) Control Protocol | |



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