

[Click to Print This Page](#)



E-VISION 9100 WU DIGITAL PROJECTOR

THE VISIONARIES CHOICE




E-Vision 9100 WU

8,600 ISO / 7,700 ANSI Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-976

Key Specifications:

| | |
|---------------------------|--|
| Colour System: | Laser Phosphor |
| Display Type: | 1 x 0.67" DarkChip™ DMD™ |
| DMD Specification: | 1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast. |
| Aspect Ratio: | 16x10 |
| Fill Factor | 87% |
| Key Features: | <p>Video & Graphics Processing</p> <ul style="list-style-type: none">• HDMI 2.0 for Side by Side, Frame Packing & Top Bottom 3D Formats• Dual flash processing can be used to multiply the displayed frame rate for 3D sources• Triple Flash Processing for 144Hz 3D display• Synchronisation of active glasses• 24p and 1080p native display• Sealed light engine• DICOM Simulation Mode• HDR Support• Powerful 7 point colour correction for accurate colour matching <p>Geometry Correction</p> <ul style="list-style-type: none">• Cornerstone, Vertical & Horizontal Keystone• Selectable Aspect Ratios• Digital Zoom |

| | <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 projector to be placed up to 100m from source with low cost cabling • Projector Control via HDBaseT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--|------------------|--|--|------|-----------|-----|----------|------|---|-----------|-----|---|------------------|--------------|---|-----------------|---------|---|---------|------|---|----------------|--------------|---|------------------|------------|---|-------------------|-----|---|-------------------------|--|--|------|-----------|-----|-------------|----------|---|------------|-----|---|-----|------|---|-------------------|-------------|---|--------------------|-------------|---|-----------------|-------------------|---|------------------|-------------------|---|-------------|-------------------|---|------------------|--------------------|---|---------------|------------|---|
| Source Compatibility | <p>HDMI including Deep Color™ processing. Graphics standards support up to 3840 x 2160 (4K-UHD) & 4096 x 2160 (full 4K) resolution via HDMI Graphics standards up to native 1920 x 1200 resolution @ 60Hz via DVI-D, HDBaseT or VGA Component Video (SD and HD) via RGBHV.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs/Outputs | <table border="1"> <thead> <tr> <th colspan="3">Video & Computer</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>HDMI 2.0</td> <td>HDMI</td> <td>2</td> </tr> <tr> <td>DVI-D 1.0</td> <td>DVI</td> <td>1</td> </tr> <tr> <td>VGA / Analog RGB</td> <td>15-pin D-Sub</td> <td>1</td> </tr> <tr> <td>Component Video</td> <td>5 x BNC</td> <td>5</td> </tr> <tr> <td>HDBaseT</td> <td>RJ45</td> <td>1</td> </tr> <tr> <td>Video Out: VGA</td> <td>15-pin D-Sub</td> <td>1</td> </tr> <tr> <td>Audio In: Stereo</td> <td>3.5mm Jack</td> <td>1</td> </tr> <tr> <td>Audio Out: Stereo</td> <td>RCA</td> <td>2</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Communication & Control</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>3D Sync Out</td> <td>Mini DIN</td> <td>1</td> </tr> <tr> <td>3D Sync In</td> <td>BNC</td> <td>1</td> </tr> <tr> <td>LAN</td> <td>RJ45</td> <td>1</td> </tr> <tr> <td>Serial In (RS232)</td> <td>9-pin D-Sub</td> <td>1</td> </tr> <tr> <td>Serial Out (RS232)</td> <td>9-pin D-Sub</td> <td>1</td> </tr> <tr> <td>Wired Remote In</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>Wired Remote Out</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>12V Trigger</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>USB (power only)</td> <td>USB Type A 5V / 2A</td> <td>1</td> </tr> <tr> <td>USB (Service)</td> <td>USB Type B</td> <td>1</td> </tr> </tbody> </table> | Video & Computer | | | Type | Connector | Qty | HDMI 2.0 | HDMI | 2 | DVI-D 1.0 | DVI | 1 | VGA / Analog RGB | 15-pin D-Sub | 1 | Component Video | 5 x BNC | 5 | HDBaseT | RJ45 | 1 | Video Out: VGA | 15-pin D-Sub | 1 | Audio In: Stereo | 3.5mm Jack | 1 | Audio Out: Stereo | RCA | 2 | Communication & Control | | | Type | Connector | Qty | 3D Sync Out | Mini DIN | 1 | 3D Sync In | BNC | 1 | LAN | RJ45 | 1 | Serial In (RS232) | 9-pin D-Sub | 1 | Serial Out (RS232) | 9-pin D-Sub | 1 | Wired Remote In | 3.5mm Stereo Jack | 1 | Wired Remote Out | 3.5mm Stereo Jack | 1 | 12V Trigger | 3.5mm Stereo Jack | 1 | USB (power only) | USB Type A 5V / 2A | 1 | USB (Service) | USB Type B | 1 |
| Video & Computer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | Connector | Qty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDMI 2.0 | HDMI | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DVI-D 1.0 | DVI | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGA / Analog RGB | 15-pin D-Sub | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Video | 5 x BNC | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDBaseT | RJ45 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Video Out: VGA | 15-pin D-Sub | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audio In: Stereo | 3.5mm Jack | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audio Out: Stereo | RCA | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Communication & Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | Connector | Qty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3D Sync Out | Mini DIN | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3D Sync In | BNC | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAN | RJ45 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serial In (RS232) | 9-pin D-Sub | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serial Out (RS232) | 9-pin D-Sub | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wired Remote In | 3.5mm Stereo Jack | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wired Remote Out | 3.5mm Stereo Jack | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12V Trigger | 3.5mm Stereo Jack | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB (power only) | USB Type A 5V / 2A | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USB (Service) | USB Type B | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3D Formats Supported | <p>Frame Packing Side By Side (half) Top and Bottom Frame Sequential</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HDTV Formats Supported | 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Computer Compatibility | <p>Up to 1920 x 1200 via DVI-D, HDBaseT, VGA Up to 4096 x 2160 via HDMI</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bandwidth | <p>165 MHz on analog RGB 498 Megapixels per second on HDMI</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remote Control | <p>IR remote control, wireless and wired. On-Board keypad</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automation Control | <p>Crestron RoomView® Connected PJLink LAN RS232</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | AMX-SSDP Extron | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|------------------------|--|------------------------|--------------------|---------------|---------|---------------|--|---------------------|---------|---------------|--|---------------|---------|---------------|------|---------------------|---------|----------------|--|---------------------|---------|---------------|--|---------------------|---------|---------------|--|---------------------|---------|---------------|--|---------------------|---------|---------------|--|
| Colour Temperature | User Selectable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operation |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| illumination Type | Laser Light Source | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typical illumination Life | 20,000 hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lenses | <table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <tr> <td>0.38 :1 fixed</td> <td>117-341</td> <td>0.68m - 2.44m</td> <td>Depends on image size, see Installation Guide.</td> </tr> <tr> <td>0.75 - 0.93 :1 zoom</td> <td>115-339</td> <td>1.02m - 12.7m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> <tr> <td>0.76 :1 fixed</td> <td>112-499</td> <td>0.81m - 5.08m</td> <td>none</td> </tr> <tr> <td>1.25 - 1.79 :1 zoom</td> <td>112-500</td> <td>1.33m - 11.73m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> <tr> <td>1.73 - 2.27 :1 zoom</td> <td>112-501</td> <td>1.83m - 14.9m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> <tr> <td>2.22 - 3.67 :1 zoom</td> <td>112-502</td> <td>2.36m - 24.2m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> <tr> <td>3.58 - 5.38 :1 zoom</td> <td>112-503</td> <td>3.8m - 35.35m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> <tr> <td>5.31 - 8.26 :1 zoom</td> <td>112-504</td> <td>5.59m - 54.8m</td> <td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame</td> </tr> </tbody> </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) | 0.38 :1 fixed | 117-341 | 0.68m - 2.44m | Depends on image size, see Installation Guide. | 0.75 - 0.93 :1 zoom | 115-339 | 1.02m - 12.7m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | 0.76 :1 fixed | 112-499 | 0.81m - 5.08m | none | 1.25 - 1.79 :1 zoom | 112-500 | 1.33m - 11.73m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | 1.73 - 2.27 :1 zoom | 112-501 | 1.83m - 14.9m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | 2.22 - 3.67 :1 zoom | 112-502 | 2.36m - 24.2m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | 3.58 - 5.38 :1 zoom | 112-503 | 3.8m - 35.35m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | 5.31 - 8.26 :1 zoom | 112-504 | 5.59m - 54.8m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame |
| Lens | Part No. | Optimised Focus Range* | Lens Shift (Frame) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.38 :1 fixed | 117-341 | 0.68m - 2.44m | Depends on image size, see Installation Guide. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.75 - 0.93 :1 zoom | 115-339 | 1.02m - 12.7m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.76 :1 fixed | 112-499 | 0.81m - 5.08m | none | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.25 - 1.79 :1 zoom | 112-500 | 1.33m - 11.73m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.73 - 2.27 :1 zoom | 112-501 | 1.83m - 14.9m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.22 - 3.67 :1 zoom | 112-502 | 2.36m - 24.2m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.58 - 5.38 :1 zoom | 112-503 | 3.8m - 35.35m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.31 - 8.26 :1 zoom | 112-504 | 5.59m - 54.8m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05(L) 0.05 (R) frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lens Mount | Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 8 user-definable preset positions (except UST lens). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Mounting | Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 775W Typical 240VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|---|--|----------|
| | 792W Typical 110VAC | |
| Thermal Dissipation | 2704 BTU/Hour 110V Normal Mode 2579 BTU/Hour 240V Normal Mode | |
| Fan Noise | Typical 38dBA | |
| Operating/Storage Temperature Operating: | Operating: 0 to 40C (32 to 104F) >35C switches to Eco Mode Storage: -20 to 60C (-4 to 140F) | |
| Operating Humidity | 10 to 85% non-condensing | |
| Weight | 27.5 kg / 60.6 lbs | |
| Dimensions | L: 59.83cm W: 50cm H: 21.85cm L: 23.55 in W: 19.68 in H: 8.6 inch | |
| Safety & EMC Regulations | CE, FCC Class B, UL, CCC, CB, RoHS, RCM, CU | |
| Accessories | Accessory | Part No. |
| | Infrared Remote (replacement) | 120-978 |
| | <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 Lens CAD 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 Ultra Short Throw Lens Ultra Short Throw Lens Installation Guide | |





55 Chastain Road, Suite 115 Kennesaw, GA.

30144



T: 770.420.1350 | F: 770.420.1360



www.digitalprojection.com



DIGITAL PROJECTION, LTD



Greenside Way, Middleton Manchester, UK

M24 1XX



T: +44.161.947.3300 | F: +44.161.684.7674



www.digitalprojection.co.uk



DIGITAL PROJECTION, INC



55 Chastain Road, Suite 115 Kennesaw, GA.

30144



T: 770.420.1350 | F: 770.420.1360



www.digitalprojection.com



DIGITAL PROJECTION, CHINA



Rm A2301, Shaoyaoju 101 North Lane, Shi Ao

International Center, Chaoyang District, Beijing 100029,
PR China



T: +86.10.58239771 | F: +86 10 58239770

DIGITAL  **PROJECTION**

Specifications subject to change without notice.
©2022 Digital Projection. DLP®, Digital Light
Processing™ and DMD are trademarks of Texas
Instruments, Inc



Certificate Number 13629
ISO 9001