

## Source Compatibility:

2D Graphics standards up to 4K-UHD 3840x2160 resolution at 60Hz via HDMI 2.0, HDBaseT (4:2:0), DisplayPort inputs

3D Graphics standards up to dual-pipe WUXGA 120Hz via HDMI 1.4b inputs

3G-SDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.

## Inputs/Outputs

### Video & Computer

Type	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	1
HDMI 1.4b (3D)	HDMI	2
HDMI 2.0b (2D)	HDMI	2
3G-SDI in (2D)	BNC	1
3G-SDI out	BNC	1
HDBaseT/LAN (2D)	RJ45	1

### Communication & Control

Type	Connector	Qty
3D Sync In	BNC	1
3D Sync Out	BNC	1
LAN	RJ45	2
RS-232	9-pin D-Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2
3D Sync IR Out	BNC	1

### 3D Formats Supported

Sequential / 1080p @100Hz  
Sequential / 1080p @120Hz  
Sequential / WUXGA @100Hz (RB)  
Dual -Pipe / 1080p @ 50Hz  
Dual -Pipe / 1080p @ 60Hz  
Dual -Pipe / WUXGA @ 50Hz (RB)  
Dual -Pipe / WUXGA @ 60Hz

### HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)  
1080i (50Hz, 60Hz)  
720p (50Hz, 60Hz)  
2K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)  
4K-UHD (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)

### Computer Compatibility

**2D** 4K-UHD upto 60Hz  
**3D** Supported Formats will be displayed upto WUXGA

### Bandwidth

498 Mpixels/sec via DisplayPort and HDMI2.0.

### Remote Control

Addressable IR remote Control,  
Wireless and wired. On-Board keypad

### Automation Control

Crestron RoomView Connected  
LAN  
RS-232  
AMX (Device Discovery)  
DMX Art-Net  
Served web pages (Projector status, Projector control, Crestron RoomView, Network settings, Alert mail setup, Time setup, Error log, On screen Display )

### Colour Temperature

3200K to 9300K

### Operation



### Illumination Type

Laser Light Source

### Typical illumination Life

20,000 hours

### Lenses

Lens	Part No.	Focus Range	Lens Shift
0.67:1 fixed HB	105-607	1.1m - 10m	Vert: 0.108 (U) 0.108 (D) frame, Hor: 0.044 (L) 0.044 (R) frame
1.12:1 (short) fixed HB	105-608	3m - 15m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.16 - 1.49:1 zoom HB	109-236	3m - 15m	Vert: 0.408 (U) 0.408 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.39 - 1.87:1 zoom HB	105-610	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.87 - 2.56:1 zoom HB	105-611	4m - 24m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
2.56 - 4.16:1 zoom HB	105-612	9.1m - 45m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
4.16 - 6.96:1 zoom HB	105-613	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
6.92 - 10.36:1 zoom HB	109-235	12m - 80m	Vert: 0.567 (U) 0.45 (D) frame, Hor: 0.188 (L) 0.188 (R) frame

\* 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%,

### Lens Mount

Motorised Shift, Zoom and Focus.(Lenses 0.67:1 & 1.12:1 have manual focus, shift is motorised)  
Intelligent Lens Memory with 10 user-definable pre-set positions for zoom lenses.

**Mechanical Mounting**

Front/Rear Table  
Front/Rear Ceiling  
Adjustable Front/Rear Feet

**Power Requirements**

200VAC & 230 VAC, 50/60Hz single phase

**Thermal Dissipation**

Max 10284 BTU/Hour @ 200VAC BTU/Hour

**Operating/Storage Temperature**

Operating: Full Power 0°C ~ 35°C (32°F ~95°F), ECO upto 40°C (104°F)  
Storage: -20°C ~ 60°C (-4°F ~ 140°F)

**Weight (Chassis Only)**

95 kg  
209 lb

**Safety & EMC Regulations**

UL, CB, CCC, KC, RoHS (CN), FCC Class A, FDA, CE, IEC EN 60825-1  
Class 3R Laser Product, IEC EN 62471-5 Risk Group 3, WEEE (UK)

**Accessories**

**Accessory**

Infrared Remote Control (Replacement)  
Optional lens mount insert for selected competitor lenses

**Part No.**

118-678  
119-729

**Power Consumption**

Typical 2800W, Max 3100WW

**Fan Noise**

Typical: 50dBa , Maximum 52dBa, Eco  
Typical 47dBa

**Operating Humidity**

Operating: 10% ~ 90% non-condensing  
Storage: 10% ~ 90% non-condensing

**Dimensions**

L: 969.3mm, W: 650mm, H: 397.3mm  
(Excl handles)  
L: 38.2in, W: 25.6in, H: 15.6in (Excl  
handles)

*\*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.*