

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.

WUXGA mode

2D sources up to WUXGA 120Hz and 4K-UHD 60Hz can be displayed scaled to fit WUXGA

3D sources up to WUXGA 120Hz can be displayed scaled to fit WUXGA

4K-UHD mode

2D sources up to 4K-UHD will be displayed scaled to fit 4K-UHD

Auto Mode

Sources greater than WUXGA will be displayed scaled to fit 4K-UHD

Sources up to WUXGA will be displayed scaled to fit WUXGA

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
1.16 - 1.49:1 zoom HB	109-236	3m - 15m	Vert: 0.44 (U) 0.44 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.39 - 1.87:1 zoom HB	105-610	4m - 24m	Vert: 0.629 (U) 0.5 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
1.87 - 2.56:1 zoom HB	105-611	4m - 24m	Vert: 0.629 (U) 0.5 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
2.56 - 4.16:1 zoom HB	105-612	9.1m - 45m	Vert: 0.629 (U) 0.5 (D) frame, Hor: 0.188 (L) 0.188 (R) frame

4.16 - 6.96:1 zoom HB 105-613 12m - 80m Vert: 0.629 (U) 0.5 (D) frame, Hor: 0.188 (L) 0.188 (R) frame
6.92 - 10.36:1 zoom HB 109-235 12m - 80m Vert: 0.629 (U) 0.5 (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 & 230VAC selectable, 50/60Hz single phase

Thermal Dissipation

Max 11430 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

Power Consumption

230V Typical: 3100W , Maximum 3400 W

Fan Noise

Max 52dBA Eco Typ: 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)

Safety & EMC Regulations

UL, BIS, 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

**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.*