



Vivitek H7 MKII Large Venue Projector Lenses

Eight (9) interchangeable lens options for greater installation flexibility

Features

- Eight (9) high-performance lenses designed for a variety of medium to large venue applications.
- Wide throw ratio range starting from 0.47:1 up to a maximum 8.26:1 (Depends on projector resolution) for installation placement ease.
- Available in a variety of zoom ratios between 1.06x and 1.65x
- Powered focus and zoom for easy image adjustments (not including D86-04705)
- Supported Lens memory function (not including D86-04705)
- One touch quick release button for simple lens insertion and removal
- All optical elements are made of highest quality optical materials for less light loss and precision geometry



DU7099Z. DU7199Z. DU7299Z

Specifications

| | | | | | | | | | |
|------------------------|---|--------------------------------|--------------------------------|-------------------------------|------------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|
| Image | | | | | | | | | |
| Model Number | D86-04705 | D86-0711 | D86-1113 | D86-1216 | D86-1519 | D86-1929 | D88-SMLZ01 | D88-LOZ101 | D88-LOZ201 |
| Part Number | SS-D86-04705-VVW | SS-5811129741-VV | SS-5811129742-VV | SS-5811131167-VV | SS-5811129740-V | SS-5811131168-VV | 3797745000-SVK | 3797745400-SVK | 3797744900-SVK |
| Lens Type | Short Throw Lens | Short Throw Lens | Short Throw Lens | Semi Short Zoom Lens | Standard Lens | Semi Long Zoom Lens | Semi Long Zoom Lens | Long Zoom Lens 1 | Long Zoom Lens 2 |
| UPC Code | 813097026019 | 813097025500 | 813097025517 | 813097025524 | 813097025487 | 813097025494 | 814964336859 | 814964336866 | 814964336873 |
| Compatibility | Compatible with DU6198Z/DU6298Z/DU7099Z/DU7199Z/DU7299Z | | | | | | | | |
| Throw Ratio | WUXGA: 0.47~0.5 | WUXGA: 0.77~1.1 | WUXGA: 1.1-1.3 | WUXGA: 1.25~1.60 | WUXGA: 1.54~1.93 | WUXGA: 1.93~2.9 | WUXGA: 2.22-3.67:1 | WUXGA: 3.58-5.38:1 | WUXGA: 5.31-8.26:1 |
| Zoom Ratio | 1.06x | 1.42x | 1.18x | 1.28x | 1.25x | 1.5x | 1.65x | 1.5x | 1.55x |
| Brightness Ratio | 95% | 99.5% | 99.4% | 101% | 100% | 89% | 100.4% | 99.3% | 100.4% |
| Offset | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift | Power Lens Shift |
| f Value (Focal Length) | 7.43mm | 11.45 - 16.32mm | 16.64 - 19.54mm | 18.65 - 23.85mm | 22.84 - 28.61mm | 28.5 - 42.75mm | 32.9 - 54.2mm | 52.8 - 79.1mm | 78.5 - 121.9mm |
| F Number | 2.1 | 2.1 - 2.6 | 2.05 - 2.27 | 2.0 - 2.44 | 2.02 - 2.40 | 2.5 - 3.1 | 1.86 - 2.48 | 1.85 - 2.41 | 1.85 - 2.48 |
| Image Size (Diagonal) | 80"~300" | 42.3"~500" | 35.8" ~ 500" | 39.1"~500" | 40" - 500" | 32.1" ~ 500' | 40" - 500" | 40" - 500" | 40" - 500" |
| Projection Distance | 0.81 - 3.16m | 1 - 12m | 1 - 14.26m | 1.35 - 17.5m | 2 - 21.2m | 2.0 - 31.8m | WUXGA:1.87- 40.33m | WUXGA:3.01- 59.02m | WUXGA:4.42- 91.54m |
| Focus/Zoom Adjustment | Manual | Motorized | Motorized | Motorized | Motorized | Motorized | Motorized | Motorized | Motorized |
| Dimensions (D x L) | 125 x 186mm (4.92" x 7.32") | 118 x 201.48mm (4.64" x 7.93") | 118 x 197.77mm (4.64" x 7.78") | 118 x 180.8mm (4.64" x 7.11") | 95 x 170.27mm (3.74" x 6.7") | 95 x 137.41mm (3.74 x 5.4") | 100 x 160mm (3.9" x 6.3") | 100 x 173mm (3.9" x 6.8") | 100 x 210mm (3.9" x 8.3") |
| Weight | 1000g(2.2lbs) | 1208g (2.66lbs) | 944.8g (2.08lbs) | 863g (1.9lbs) | 690g (1.52lbs) | 556g (1.22lbs) | 950g (2.1lbs) | 1,020g (2.2bs) | 1,350g (2.9lbs) |

Lens throw, image size and zoom ratio is subject to a 5% tolerance. Geometry is subject to a 0.6% tolerance of image height and/or width.

©2023 Vivitek. Vivitek is a trademark of Delta Electronics, Inc. Other trademarks are the properties of their respective owners.

Values, weights and dimensions shown are approximate. Errors and omissions accepted. Specifications are subject to change without prior notice.