



## Specification

### Technical data

Full Model Name	B57-5C-4/28 4/28 350-75/7
Dimensions	120 x 56 x 104 mm
Weight	1100 g
Resolution	2472 x 2064 (5 MP), color
Frames per Second	3 - 10
Interface	Gigabit Ethernet
Inputs	1 x Trigger
Outputs	1 x Flash/GPIO
Input Voltage	24 V DC / PoE++
Projector	Aluminium, IP65/67
Sensors	
Temperature - Operation	0 - 40 °C
Temperature - Storage	-10 - 50 °C
Vibration Resistance	30 - 500 Hz 10 g (sine)
Shock Resistance	80 g, 1.9 ms / 25 g, 6 ms (half sine)

### Optics

Lenses - Focal Length	4 mm
Lenses - f-number	2.8
Vergence Angle	7°
Baseline (Pupillary Distance)	75 mm
Focus Distance	350 mm
Operating Distance	210-2000 mm
Calibration Plate - Dimensions	390 x 390 x 3 mm
Calibration Plate - Grid Dots / Spacing	15 x 15 / 48 mm

### Current Data Settings

Measurement Distance 210 mm - 2000 mm

### Data Table

Distance to working volume [mm]	Z-Accuracy [mm]	Pixel Size [mm]	View Field X [mm]	View Field Y [mm]	Optics Blur [px]
210	0.068	0.129	304.44	265.73	2.433
300	0.138	0.184	402.77	379.62	0.806
400	0.245	0.245	512.03	506.16	0.554
500	0.383	0.307	621.29	632.69	1.033
600	0.552	0.368	730.54	759.23	1.355
700	0.751	0.429	839.80	885.77	1.586
800	0.981	0.490	949.06	1012.31	1.760
900	1.242	0.552	1058.31	1138.85	1.895
1000	1.533	0.613	1167.57	1265.39	2.004
1100	1.855	0.674	1276.83	1391.93	2.093
1200	2.208	0.736	1386.08	1518.47	2.167
1300	2.592	0.797	1495.34	1645.00	2.230
1400	3.006	0.858	1604.60	1771.54	2.284
1500	3.450	0.920	1713.86	1898.08	2.331
1600	3.926	0.981	1823.11	2024.62	2.372
1700	4.432	1.042	1932.37	2151.16	2.408
1800	4.968	1.103	2041.63	2277.70	2.440
1900	5.536	1.165	2150.88	2404.24	2.469
2000	6.134	1.226	2260.14	2530.78	2.495