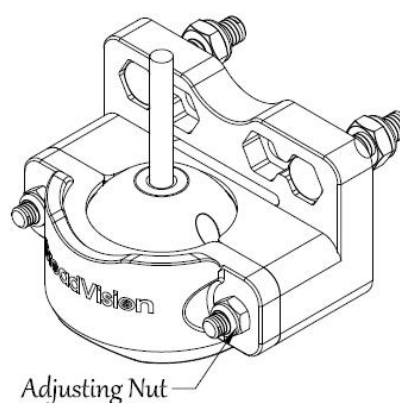
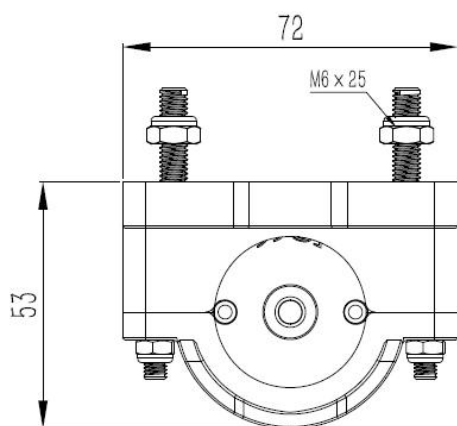
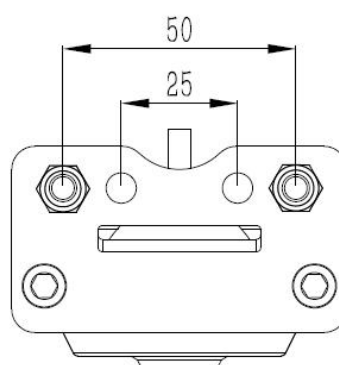
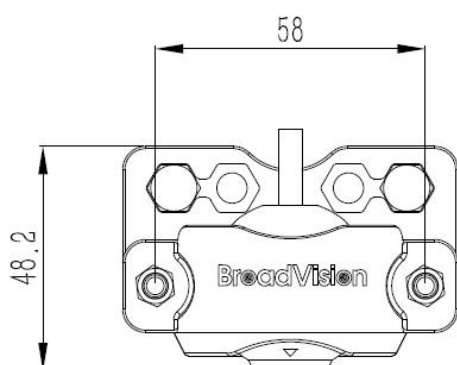




- IP69K
- Anti-Shocks 50G
- Anti-Vibration
- Low Latency



Unit: mm

TECHNICAL DATA

Camera ROBOS-A (80°)

Camera

Sensor	1/2.9 CMOS digital image sensor
Resolution	1920 × 1080
Lens Angle	H: 80°±3°; V: 50°±3°; D: 87°±3°
F/No	2.2
EFL	3.4mm
Focus Range	350mm to positive infinity
Min Illumination	0.1Lux
Video Signal	PAL, 25fps/ NTSC, 30fps
Signal Param.	1.0Vpp / 75Ω
TV Aberration	- 3.5%
Optical Axis Accuracy	± 20 pixel
Horizontal Center Resolution	> 800TVL
Exposure Control	AEC
Gain Control	AGC
Start Up time	< 2s

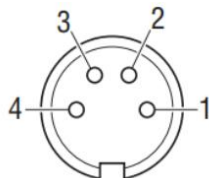
Mechanical

Structure	Aviation aluminum housing, suitable for outdoor heavy industrial environments with high requirements for shock and vibration
Corrosion Protection Level	Salt spray cycle test in accordance with IEC 60068-2-52
Ingress Protection	IP68 (IEC60529 standard) 30 minutes, 1m IP69K (DIN 40050-9) withstand high-pressure cleaning: 14-16L/min 80°C and 100 bar
Interior Padding	Camera is potted with Polyurethane elastomer
Anti-Shocks	50G pulse, 11ms half-sine wave
Anti-Vibration	Random vibration test, 5G
Mounting Bracket	Aerospace aluminum alloy fixture + 316L bolts, suitable for hanging and wall mounting
Operating Temp.	-40°C to +85°C
Storage Temp.	-40°C to +85°C
Product Weight	0.3kg

Electrical Connections

Front side of molded 4p male connector

1 = Coax core	Video signal
2 = Coax screen	Video GND
3 = Red	12V/DC
4 = Black/orange	0V

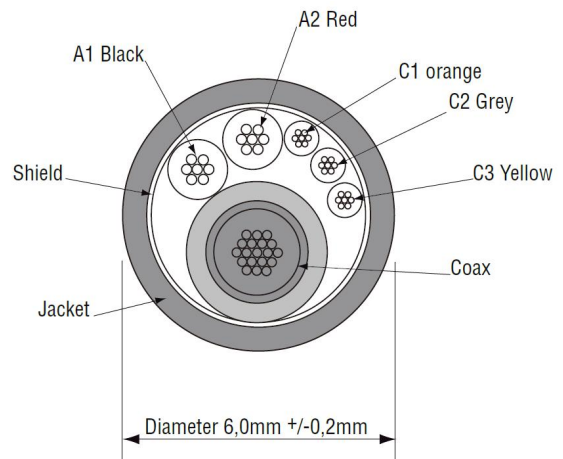


Electrical

Input Voltage	12V
Power Consumption	1.2W
Communication Cable	0.5m, M16 Screw-type Waterproof Connector

Cable

Jacket	TPU, Black, RAL 9005.
Diameter	Φ6.0 ± 0.2mm
Shield	Braided tinned copper, coverage > 85%.
Coax	Tinned copper AWG 26 = 1 x 0,14mm² 18 x 0.1; Shield Spiral braided coverage ≥ 85% 0.4mm
Impedance Coax	75Ω
C1,C2,C3 Conductor	3 x AWG26, 7 x 0,16mm, tinned copper Color: Orange Yellow, Grey
A1,A2 Conductor	2 x AWG22, 7 x 0,25mm, tinned copper Color: Black, Red
Bending Radius	7,5 x D static
Temperature	-40°C to +85°C
Approval	Fire resist IEC60332-2, Halogen free DIN VDE 0472 part 815.



All data subject to change without notice. All dimensions are for commercial purpose only.
The camera from BroadVision comply with the latest CE, FCC, EMC and mirror-directive regulations, where applicable.
All products are manufactured in accordance with the ISO 9001 quality management system, ISO 14001 environmental management systems and ISO 45001 occupation health safety management system, where applicable.