Miovision SmartView Approach 2 Hardware Specifications

The Miovision SmartView Approach® 2 is a full HD advanced detection bullet camera that can expand the use of your Miovision Detection solution to detect vehicles as they approach intersections from up to 200 – 500 feet (61 – 152 meters).

Configure multiple detection zones with single or multilane detection over four lanes and build responsive control schemes, and measure free-flow traffic to understand how effectively you are servicing demand.



Device Weight (not including cables)	
Camera (with Mount)	10.2 lbs (4.6 kg)

Dimensions (W x L x H)	
Camera (with Mount)	8.5 x 17.9 x 6.7 inches (21.5 x 45.5 x 17.0 cm)

General	
Mounting	Supports horizontal and vertical mount orientations Mounted with ¾" (19 mm) banding Camera tilt can be adjusted during field installation to align with the desired detection zone (requires a 5mm hex key) Includes an adjustable sun and rain visor (requires a Phillips #2 screwdriver)
Ethernet Cable	The included coupler can accommodate both Cat5e and Cat6 Ethernet cable diameters A crimping tool for the included RJ45 connector is required
Safety	UL (UL62368- 1), C-UL (CSA C22.2 No.62368- 1), CE, IEC62368-1
EMC	FCC (Part15 ClassA), ICES-003 ClassA
Shock Resistance	IK10 (IEC 62262)
Finish	Main body: Aluminum die cast and resin Outer fixing screws: Stainless steel (Corrosion-resistant treatment) Camera Lens: Polycarbonate resin, clear

Power	
Power delivery	PoE (Type 1 PoE - Class 3, IEEE 802.3af compliant)
Power consumption	~13W (54VDC)

Network	
Network Interface	10Base-T / 100Base-TX, RJ45 connector

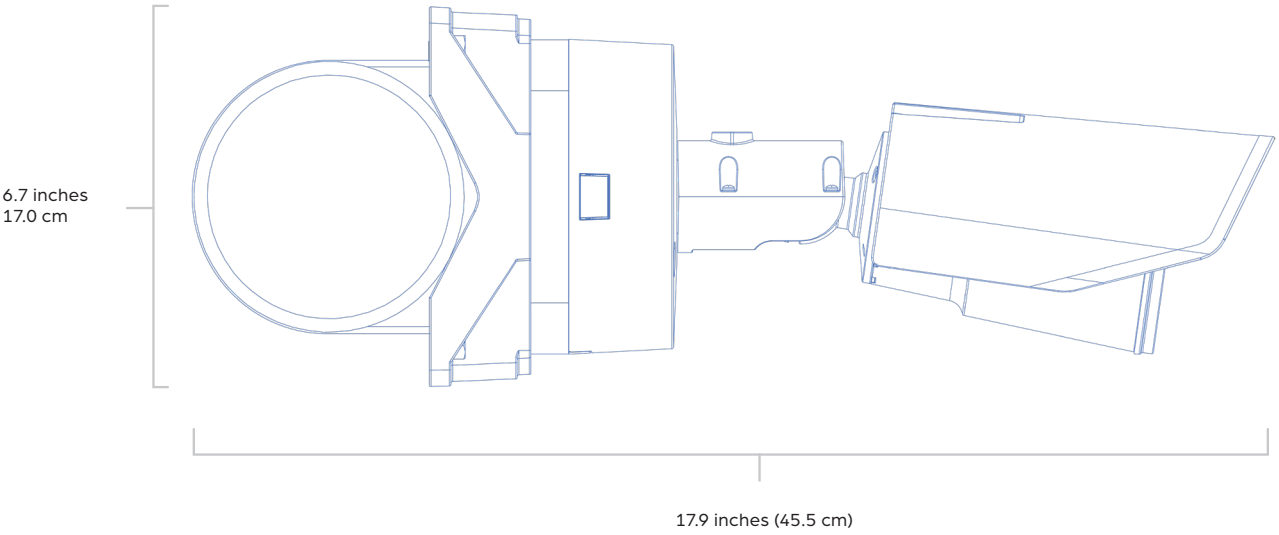
Operating Conditions	
Operating Temp	-29°F to 165°F (-34°C to 74°C)
Humidity	10% to 100% RH (non-condensing)
Water and Dust Resistance	IP66, IEC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant
Heating System	Includes an Electronic Heating System
Image Stabilization	Built-in gyro sensor Active computer vision stabilization for detection

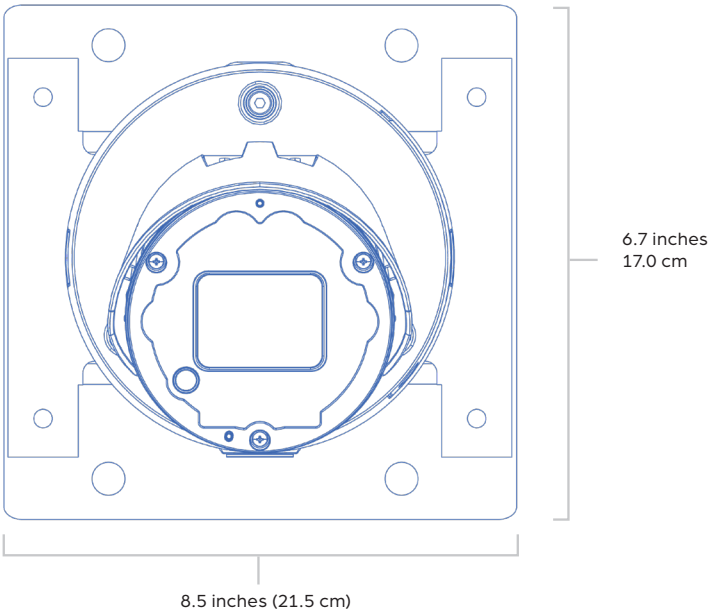
Camera	
Image Sensor	Approx. 1/2.8 type CMOS image sensor
Minimum Illumination	0.011 lx
White Balance	Automatic
Shutter Speed	30 fps/15 fps mode - 1/30 Fix to 1/10000 Fix
Wide Dynamic Range	Max. 144 dB
Focus Adjustment	Autofocus
Transmission Type	H.265 / H. 264 / JPEG (MJPEG)
Resolution	1280x960, QVGA, 30 FPS

Lens	
Optical Zoom	10x (Motorized zoom / motorized focus)
Focal length	3/16 inches – 1-27/32 inches (4.7 mm – 47 mm)
Angular Field of View	Horizontal: 5.0° (TELE) – 48° (WIDE) Vertical: 3.7° (TELE) – 37° (WIDE)
Maximum Aperture Ratio	1:1.6 (WIDE) – 1:3.0 (TELE)
Focus Range	59-1/16 inches (1.5 m) – ∞

Specifications are subject to change without notice.

Dimensions





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For more information, visit **help.miovision.com**,
email us at **support@miovision.com**,
or call us NA Toll-free at **1-855-360-7752**

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