

Miovision SmartView360 Hardware Specifications



The Miovision SmartView Approach[®] is a full HD outdoor bullet camera that can expand the use of your Miovision Detection solution to detect vehicles as they approach intersections from up to 500 feet. 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.

Contents

Kit contents	Miovision SmartView 360 Camera Pole mount Mast arm Power supply
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Device weight (not including cables)

Miovision[®] SmartView 360	1.9 lb (860 g) when using attachment plate 2.87 lb (1.3 kg) when using base bracket
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Power

Power adapter	PoE DC 48 V; 270 mA/ Approx. 12.95 W (Class 0 device)
Power consumption	Max: Typical:
Dimensions	in ? mm ?
Hold up	?

Operating conditions

Operating temp	-29° to 165°F (-34° to 74°C)
Humidity	5% - 95% RH non-condensing

Lens

Focal length	1.4 mm (1/16 inches)
Angular field of view	Horizontal : 183° Vertical : 183°
Maximum aperture ratio	1 : 1.9
Digital (electronic) zoom	Choose from 3 levels of x1, x2, x4
Focus range	0.5 m (11/16 inches) - infinity

Camera

Image sensor	1/2 type MOS image sensor, built-in primary color filter
Effective pixels	9 megapixel
Minimum illumination	Color : 0.4 lx {0.02787 footcandle} (F1.9, Maximum shutter: Off (1/30 s), AGC: 11) 0.03 lx {0.00186 footcandle} (F1.9, Maximum shutter: max. 16/30 s, AGC: 11)* BW : 0.05 lx {0.0372 footcandle} (F1.9, Maximum shutter: Off (1/30 s), AGC: 11) 0.004 lx {0.00023 footcandle} (F1.9, Maximum shutter: max. 16/30 s, AGC: 11)* * Converted value
Image Settings	Gain (AGC), White balance
Image Compensation	Adaptive black stretch, Back light compensation (BLC), Fog compensation, High light compensation (HLC), Digital noise reduction
Maximum shutter	Max.16/30s to Max. 1/10000s
Wide dynamic range	On/Off
Adaptive Black Stretch	On/Off (only when Wide Dynamic range: Off)
Super Dynamic*2	On / Off, the level can be set in the range of 0 to 31
Day & Night (ICR)	Off/On / Auto1(Normal)
Back focus	Auto back focus/ Focus/ Adjusting method (Auto/ Preset/ Fix)

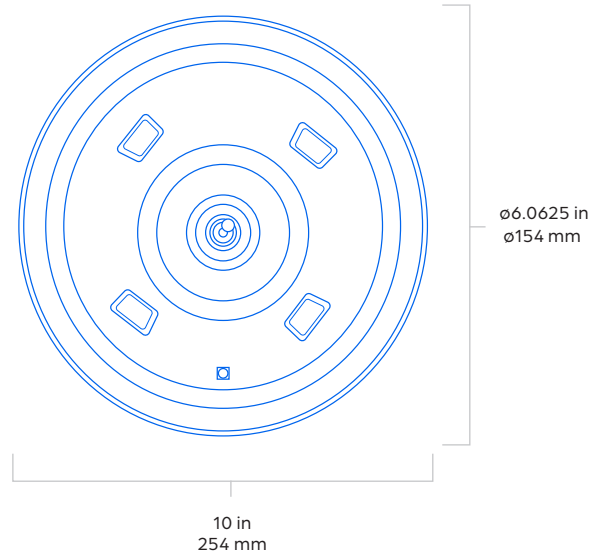
Network

Network IF	10Base-T / 100Base-TX, RJ45 connector
Resolution	H.264, H.265, MJPEG Fisheye mode (max.30 fps): 2992x2992 / 2192x2192 / 1280x1280 / 640x640 / 320x320
Transmission mode	Constant bit rate / VBR / Frame rate / Best effort / Advanced VBR
Supported protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ

General

Mounting method	Pole mount and mast arm
Safety	UL (UL60950-1), C-UL (CAN/CSA C22.2 No.60950-1), CE, IEC60950-1
EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55022 ClassB, EN55024, ECE-R10, EN50498 compliant, EN50121
Ambient operating temperature	-29 to 165°F (-34 to 74°C)
Ambient operating humidity	10% to 90% (non-condensing)
Water and dust resistance	IP66, IEC60529 measuring standard compatible, Type 4X(UL50), NEMA 4X compliant
Shock resistance	Compliant with 50 J (IEC 60068-2-75 / IK10 (IEC 62262), NEMA 2.2.9 Compliant (10g pulse)
Dimensions	When using the attachment plate: ø154 mm x 60.5 mm (H) {ø6-1/16 inches x 2-3/8 inches (H)} Dome radius 35 mm {1-3/8 inches} When using the base bracket: ø164 mm x 96.5 mm (H) {ø6-15/32 inches x 3-13/16 inches (H)}Dome radius 35 mm {1-3/8 inches}
Mass (approx.)	When using the attachment plate: Approx. 860 g (1.90 lbs). When using the base bracket: Approx. 1.3 kg (2.87 lbs)
Finish	Main body: Aluminum die cast, light gray Dome section: Clear polycarbonate resin
Camera Heater	Thermostatically controlled. Operates with standard PoE

Dimensions



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