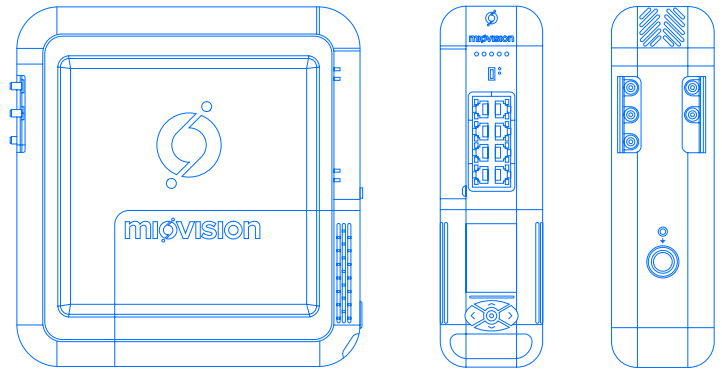


Miovision Core® DCM Hardware Specifications

Device weight (not including cables)	
Miovision Core® DCM	6.3 lbs (2.9 kg)
Dimensions	
Miovision Core DCM	10.5 x 3 x 10 in 266 x 75 x 254 mm
Power adapter	7.9 x 2.6 x 1.8 in 200 x 65 x 45 mm
Power	
Power adapter	Input: 89 to 240 VAC, 47 to 63 Hz uninterrupted (non-GFCI required). Standard NEMA 5-15R or terminal block wiring supported. Output: 48 VDC at 135W UL and cUL certified
Power consumption	Max: 129W (includes 3 cameras) Typical: 114W (includes 2 cameras)
Hold up	Minimum 5 second hold up for power loss events
Operating conditions	
Operating temp	-29°F to 165°F (-34°C to 74°C)
Humidity	5% - 95% RH non-condensing
Processor	
CTM NVIDIA Processor	CPU: Quad-core ARM® A57 @ 1.43 GHz GPU: 128-core Maxwell
DCM NVIDIA Processor	CPU: 6-core NVIDIA Carmel ARM® 64-bit GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores
Security Trusted Platform Module (TPM)	RSA Key Generation 2048 Bits RSA Signature and Encryption ECC 256 AES 128 SHA 256
Memory	
Mass storage	Built-in 240GB solid state
Wireless connectivity	
Cellular	LTE Cat 4 bands B2, B4, B5, B12, B13, B14, B66, B71
Location services	GPS, GLONASS
Wi-Fi	802.11 a/b/g/n Restricted to customer-authorized communications
5-in-1 antenna	
Antenna specs	2x MIMO LTE 2x MIMO Wi-Fi 1x GPS-GLONASS-Beidou
Enclosure	8.5 x 3.6 x 1.1 in 216 x 93 x 30 mm Permanent Screw Mount IP67 rated



Contents

Kit contents	1 x Miovision Core with DCM 1 x Cable Kit 1 x Power Supply 1 x Antenna
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I/O

Ethernet ports	1 x 10/100/1000 Ethernet WAN port 2 x 10/100/1000 Ethernet LAN ports 3 x 10/100/1000 Ethernet LAN ports with PoE (support for 802.3af PoE and 802.3at PoE+ to a maximum of 50W across all three ports)
SDLC port	1x SDLC port (proprietary connector, DB15 adapter included)
Serial ports	2 x EIA RS-232 over RJ45 interface (cable included)
USB port	1 x USB-A port
General Purpose I/O	4 x +5V open drain I/Os
Priority Control I/O	8 x NEMA compliant I/Os
Detector I/O	8 x NEMA compliant I/Os (fail passive) 16 x NEMA compliant I/Os (fail active)

Certifications

NEMA	Compliant to NEMA TS-2 Environmental Requirements
FCC	FCC Part 15, Subpart B, Class A
PTCRB	PTCRB compliant

Material composition

Core DCM base and lid	Aluminum
Core DCM center structure	PC/ABS (Polycarbonate-ABS)

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