Miovision Core® Hardware Specifications

Device weight (not including cables)	
Miovision Core®	4.9 lbs (2.2 kg)

Dimensions	
Miovision Core	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: 83W (includes 3 cameras) Typical: 68W (includes 2 cameras)
Hold up	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	
NVIDIA Processor	CPU: Quad–core ARM® A57 @ 1.43 GHz GPU: 128–core Maxwell
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
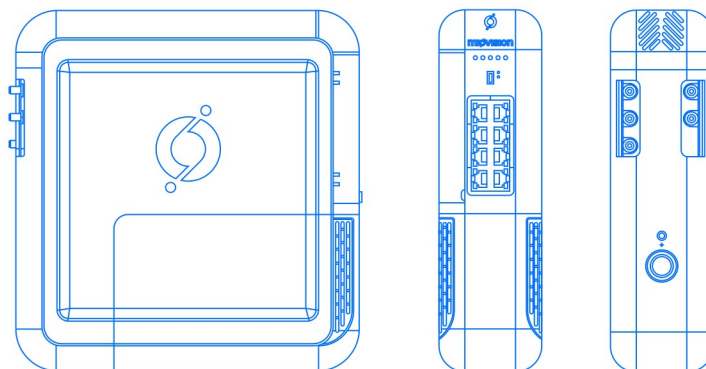
Contents	
Kit contents	1 x Miovision Core 1 x Cable Kit 1 x Power Supply 1 x Antenna

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

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

Material composition	
Core base and lid	Aluminum
Core 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**

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