

McQ OWL[®] Intelligent Camera

McQ OWL[®] Intelligent Camera is a Micro Radar triggered day and night camera for surveillance applications. OWL offers a cost effective “all in one” capability to monitor activity in a wide variety of situations.

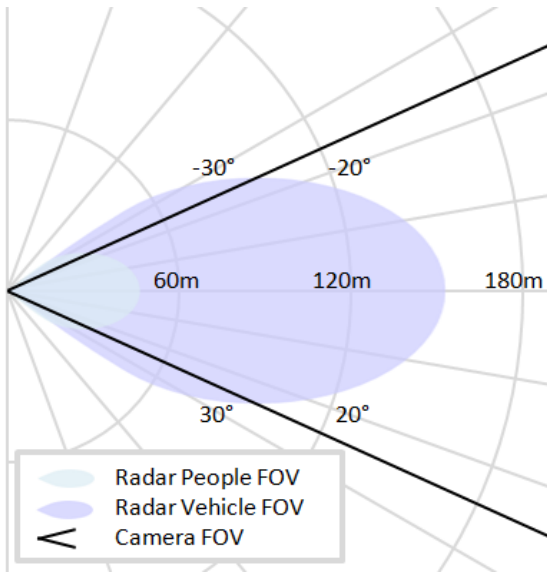
McQ OWL[®] Features

- 2 MP color camera for high res images
 - Available 1080P video
- Pictures or live video to distributed users
 - Compression over low data rate links
 - Real time user variable compression
- Video and data encryption
- User configurable communications
 - 3G or 4G LTE cellular
 - FirstNet Configuration Available
 - McQ 900 MHz TNet
 - Ethernet
 - Iridium Certus[®] available with McQ CONNECT[®] add-on
- Available cloud-based server for data storage, replay, and distribution
- Standalone IoT option
 - Cloud-based user interface
- Expandable capability with 900 MHz McQ RANGER[®] TNet trigger sensors
- Battery power and solar charging provide flexible use in remote areas



Detection Features

- People beyond 50 meters
- Vehicles beyond 100 meters
- 48° horizontal field of view camera
- Night imaging of targets beyond 45 meters



Electrical Specifications	Value	Units
Radar Operation		
Frequency Range	23.5 to 26	GHz
Transmit Power (EIRP)	6 to 22	dBm
Cellular Communications		
Technology	3G, 4G LTE	
Bands	GSM, CDMA	
RF Communications (TNet)		
Frequency Range	902 to 928	MHz
Transmit Power	1	W
Power Consumption * †		
Input Voltage	12.5 to 18	V
Typical	4.26	W

Imagery Performance	Value	Units
Still Images		
Maximum Resolution	1920 x 1080	pixels
Video		
Maximum Resolution	1920 x 1080	pixels
Maximum Frame Rate	8	fps
Illumination		
Wavelength	940	nm
Typical Max Night Range	45	m
Power Consumption **	15	W

* Solar Power Available for near indefinite lifetime

† External AC adapter available for indefinite lifetime (AC-1951.4)

** Momentary power consumption for imaging targets

Hardware Specifications	Value	Units
McQ OWL® Dimensions		
Height	205	mm
Width	125	mm
Depth	100	mm
Weight	1	kg
Operating Temperature	-25 to 60	°C
Battery Case Dimensions		
Length	190.5	mm
Width	171.5	mm
Height	101.6	mm
Weight (including battery)	2	kg

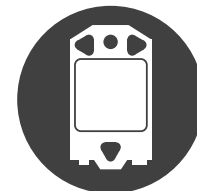
Part Numbers	
OW-K9001	McQ OWL Camera Kit
OW-K9020	McQ OWL Kit with Battery Box
OW-K9101	McQ OWL Kit with Iridium and Battery Box

Expand your System Capability	
AC-1993	High Capacity Rechargeable Battery
AC-1951.4	AC Power Cable
RA-K1001	McQ RANGER® Sensor Kit
CNT-K1004	McQ CONNECT® Iridium Terminal Kit

Available in custom colors and patterns



Specifications may change due to product enhancements. For more information on any of our products or services please visit our website: www.mcqinc.com



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