



PRODUCT FEATURES & SPECIFICATIONS



FEATURES:

- ⦿ 4G LTE Internal Cellular Modem
- ⦿ Supports All Major US Carriers, Dual SIM Capability
- ⦿ Dual WiFi: Hotspot around the vehicle
Access Point for high-speed offload
- ⦿ Integrated Crash Sensor
- ⦿ Integrated Battery Monitoring & Internal
Temperature Sensor (for health monitoring)
- ⦿ Optically Isolated Trigger Inputs & 1 Relay Output
(5 total, 4.5V to 24V)
- ⦿ Integrated Siren Trigger Interface
- ⦿ Integrated On-Board Diagnostics: J1979 (ISO 15675-4),
J1939 (The ISO 15675-4 was mandated in 2008 for all
US cars: Is CAN interface)
- ⦿ Under Voltage Warning / Shutdown
- ⦿ Software Adjustable Shutdown Timer
- ⦿ Integrated GPS with Antenna Detection Technology
(for health monitoring)
- ⦿ Remotely manage network configurations: Firewall,
IPSec, Port Forwarding, Split networking, black and
white list, bandwidth management
- ⦿ Accepts Most IP/PoE Cameras

MODEL X - SERIES 5000

Dimensions: 197mm (l) x 150mm (w) x 43mm (h)

Material: Cast Aluminum

Power: 9 - 24Vdc / 14W

Storage: 120GB Solid State Drive

Processor: Intel Dual Core Atom Processor, 1.33GHz

Memory: 2GB RAM, 1066 MT/s

Connectors: Color Coded, Water Tight, Locking

- 1 RED: Power and On-Board Diagnostics
- 2 DARK BLUE: 4 Ethernet (802.3af PoE 10/100Mb)
- 1 BLUE: 1Gb Ethernet
- 1 BLACK: Triggers (1 Ignition, 4 Programmable Inputs,
1 Siren, 1 Relay Output)
- 1 Radar Interface (RS-232)
- 1 USB 2.0 (optional)

RF Connectors

- 2 FME Cellular
- 2 RSPMA 2.4/5 GHz (WiFi 802.11 g/n/ac MIMO)
- 2 RSPMA 2.4/5 GHz (WiFi 802.11 g/n/ac MIMO)
- 1 SMA GPS

Environmental

- Temperature Range: -20° to 70° C
- IP-67 (submerge 1M for 30min w/ no water ingress)

Certifications

- FCC
- MIL-810G: Shock, Vibration & Temperature

IN-CAR CAMERAS

Front Camera

- 2MP Full HD
- 30 FPS at 1080p (H.264)
- 0.1 LUX Minimum Illumination for
Optimal Low Light Performance
- Auto Day / Night mode
- 3.7mm Lens (Wide Angle)
- Robust Low Profile Mounting

Back Seat (Prisoner)

- 2MP Full HD
- 30 FPS at 1080p (H.264)
- 0 LUX Min Illumination
- Auto Day / Night mode
- Integrated Microphone
- 2.9mm Lens (Wide Angle)
- Robust Mounting Design

PRODUCT FEATURES COMPARISON CHART

	Rocket IoT™ Model X Series 5000	Rocket IoT™ Model X Series 3000	Rocket IoT™ Model X Series 2000	Rocket IoT™ Model X Series 1000
FEATURES				
Dual Cellular Sim	√	√	√	√
Bandwidth Management	√	√	√	√
Site to Site VPN	√	√	√	√
Radius Authentication	√	√	√	√
USB 2.0 Ready	√	√	√	√
GPS	√	√	√	√
Radar Enabled	√	√	√	√
Integrated Crash Sensor	√	√	√	√
On-Board Diagnostics (OBD)	√	√	√	√
802.11ac Host (WiFi Hotspot)	√	√	√	
802.11ac Client (Fast Video Upload)	√	√		
Internal Solid State Drive 128GB	√			
BodyWorn™ Ready	√			
Rocket IoT™ In-Vehicle Video Ready	√			
Video Triggers	√			