

BLACKSTONE

Vehicle Mount Kit



GEOLLOCATION SENSOR

The Blackstone Vehicle Mount Kit (VMK) extends the utility of the Blackstone sensor into stationary mast and moving vehicle applications. The sensor and direction finding (DF) antenna head are repurposed from their on-the-march configuration to the VMK configuration in less than five minutes.

The Blackstone unit is a manpack ISR sensor used for HF/VHF/UHF signal detection, monitoring, direction finding, time tagging, and geo-locating. Vehicle mounting with the VMK improves the HF DF performance while extending mobility and field of view depending upon deployment.

The VMK is available at a technology readiness level 8 (TRL8) for evaluation in relevant environments including use in field exercises, environmental and end-user operational testing. Each VMK is supplied with a RedRock GUI license.



BLACKSTONE VEHICLE MOUNT KIT

HIGHLIGHTS

- Extends the utility of the Blackstone system beyond the on-the-march configuration
- Installs on stationary masts or moving vehicles of opportunity including maritime vehicles
- Ethernet and power through commonly available Power over Ethernet (POE)
- Laptop user interface with extended Blackstone interface including statistical geo-location
- Up to 50' remote power/control
- Installs in under 5 minutes with gloved hands
- Locking/ Captive thumb screws
- Thermal considerations for direct sunlight
- Package resistant to sand, dust, water intrusion

SPECIFICATIONS

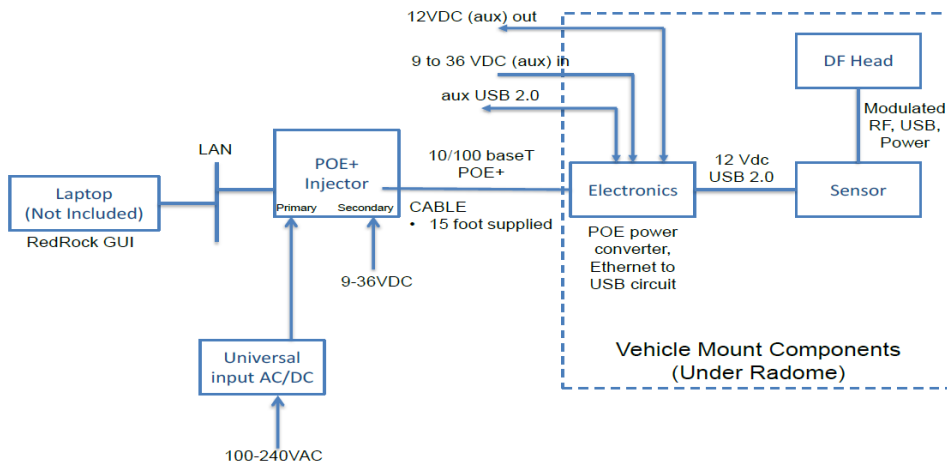
- Standard Blackstone performance
- Laptop user interface on remote LAN
- Improved HF DF performance
- Sensor installs to VMK in under 5 minutes
- Sensor attach w/ latching thumb screws
- 15 foot POE cable supplied
- 50 foot max remote Ethernet interface
- Rugged POE+ power injector
- Power injector supports 9 to 36VDC
- Auxiliary USB 2.0 host cable
- Commercial rugged environments
- 4 bolt interface to custom vehicle fixtures

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
AD10-20170-01-01	Rugged Sensor Vehicle Mounting Kit (VMK) without Laptop, Active POE Option
AD10-20170-02-01	Rugged Sensor Vehicle Mounting Kit (VMK) with Laptop, Active POE Option

RADOME SPECIFICATIONS

- Quarter turn captive fasteners for quick install and removal
- Protects cables and electronics from direct sunlight and forest canopy
- Ventilation top and bottom for cooling
- VMK Height with radome of 15.5 inches



The Blackstone sensor and direction finding (DF) antenna head are easily repurposed from their soldier-worn configuration to a vehicle configuration in less than five minutes.

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