

Vehicle Mount Kit for Blackstone

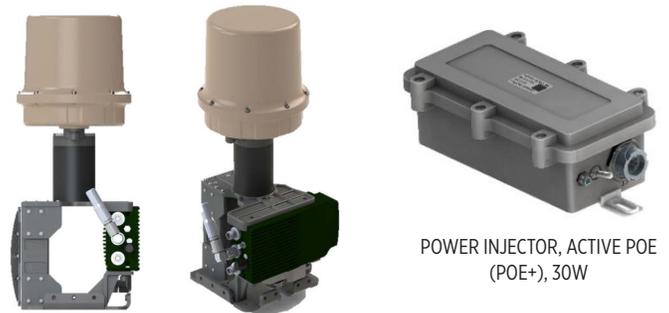


VEHICLE MOUNT KIT FOR BLACKSTONE MOBILE DF/TDOA/ GEO SENSOR (AD10-20170)

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

Blackstone (not included) 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 supplied with a RedRock™ GUI license.



VEHICLE MOUNT KIT FOR BLACKSTONE

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

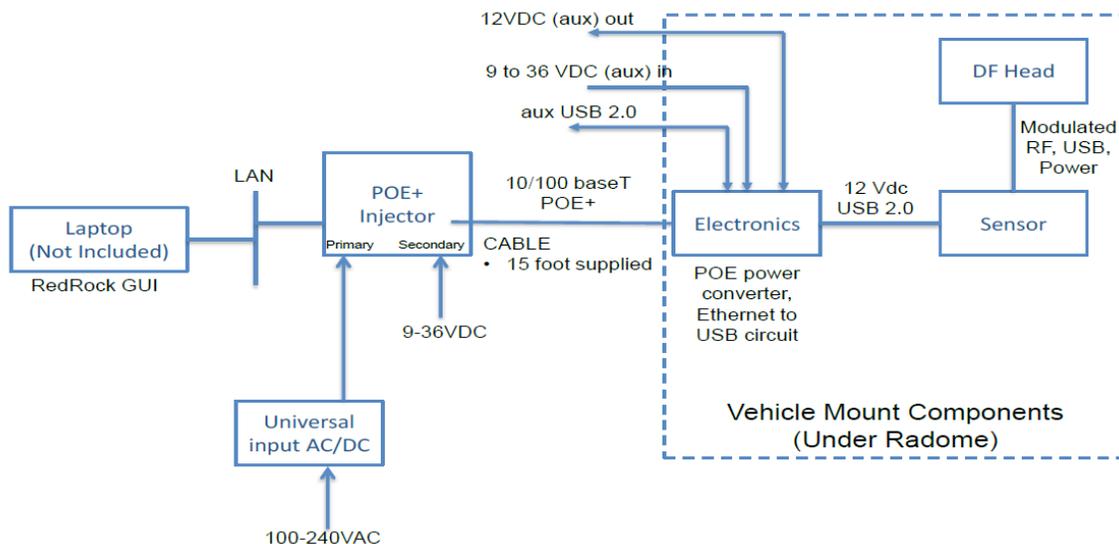
- Standard Blackstone performance
- Laptop user interface on remote LAN
- Improved HF DF performance
- Sensor installs to VMK in under 5 minutes
- Sensor attach w/ latching thumb screws
- 15 foot POE cable supplied
- 50 foot max remote Ethernet interface
- Rugged POE+ power injector
- Power injector supports 9 to 36VDC
- Auxilliary USB 2.0 host cable
- Commercial rugged environmental
- 4 bolt interface to custom vehicle fixtures
- Water and dust resistant
- Height of 14.5 inches (with DF Head)

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



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