

Bid Specifications: SAFECOM™ Command Center

PHYSICAL CHARACTERISTICS

Size	Unit shall not exceed 12"W x 12.5"H x 7.75"D in total size.
Weight	Unit shall not exceed 7 lbs.
Enclosure Type	The enclosure shall be impact-modified Lexan 243R with an impact padded sanoprene boot.
Transportability	Unit shall have the ability to be transportable.

ENVIRONMENTAL

Temperature	0° to +40°C (32° to +104°F)
Humidity	Operating Humidity range 0-95% RH, non-condensing

OPERATION

Deployment	The unit shall be capable of being quickly deployed and used in a stealth mode or permanently wired for continuous monitoring.
Capacity	Shall have capacity to manage up-to four systems with 16 SafeMTX Detectors per system for a total of 64 detections.
Radio	Shall utilize a 900 MHz, 1W, spread spectrum, frequency-hopping radio.

USER INTERFACES

Communication	Unit shall communicate to a computer command center or an alternate communication host within a wireless network.
Graphical User Interface	Unit shall provide data for alarm status, GPS location, battery run time, RF signal strength, fault conditions and threshold readings.
Alarm Status	Unit shall be able to acknowledge and silence alarms, plus change alarm settings.
Ethernet	Unit shall be a TCP/IP hub allowing all information to be placed on the Ethernet for remote viewing.
Mapping	Unit shall map detectors through GPS or address input onto GIS-based map or "click and drag" icons onto an image.
Command Center	Command center shall be the SafeCOM Command Center.

POWER REQUIREMENTS

System Power Requirements	The system shall operate on 110-120 VAC, 50/60 Hz power or a 12VDC power supply.
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WARRANTY

Full Replacement Warranty	Instrument shall have one year parts and labor standard warranty with extended five year warranty available.
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