NADATS

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MULTI-PAYLOAD TETHERED
AEROSTAT PAYLOAD OPTIONS

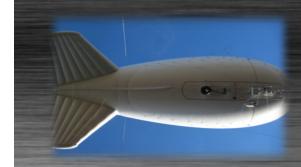| Item |
| --- |
| RADAR SYSTEMS |
| ELECTRO-OPTIC / INFRARED CAMERAS |
| SHOOTER DETECTOR SYSTEM |
| WIRELESS ROUTER SYSTEM |
| EXTENDED WIRELESS (20 OR 50 MILE LOS) |
| CELL PHONE REPEATER / INDUSTRIAL 5-BAND REPEATER |
| JAMMER SYSTEM (CELL PHONE) |
| ID CELL PHONE DETECTOR / DIGITAL RECEIVER TECHNOLOGY |
| REMOTE CONTROLLED WEAPON STATION |
| PAYLOAD MOUNTING |
| PAYLOAD INTEGRATION |
| PAYLOAD PLUG AND PLAY SYSTEM |
| RUGGEDIZED TABLET INTERFACE |
| POWER SYSTEM 220V INPUT |
| INTEGRATION |

MULTI-MODE RADAR
» GMTI
» Priority track
» Long range search
» Small target mode

ELECTRO-OPTIC/ INFRARED CAMERA
» Gyro stablized
» Full HD (optional)
» Up to 30 км day recognition
» Up to 20 км night recognition

COMMS SUITE
» Radio retransmission
» Wi-Fi
» Cell phone detector
» Frequency jammer

WIRELESS ANTENNA
» 20 or 50 mile LOS
» Resists jamming and interference
» Available L band to Ka band

GUNSHOT DETECTION
» Superior detection
» Single shot, burst fire, and multiple shooter recognition
» 360° field of view
» Reports threat weapon classification

REMOTE WEAPON
Remotely operated weapon system (ROWS) supports various weapons.

RADAR SYSTEMS

NADATS supplies a family of surveillance radars delivering leading edge capability, covering both air-to-surface and air-to-air environments. Examples include:

- » **Telephonics RDR-1700B: Maritime surveillance and imaging radar can search, detect, and track multiple over water targets up to 120NM (provided LOS)**

- » **Selex Seaspray 5000E: Employs the Seaspray AESA family common processor, coupled with a compact state-of-the-art AESA antenna to deliver a 200NM range (provided LOS)**

- » **Selex Seaspray 7500E: Employs the Seaspray AESA family common processor, providing peak performance in all modes to deliver a 320NM range (provided LOS)**

EO/IR CAMERA SYSTEMS

NADATS supplies imaging systems with high performance and low SWaP, compact in size, light weight and full featured. The NADATS family of cameras features electro-optic and infrared imaging. Illustrated systems have superior stability performance and are designed to maximize day and night surveillance:

- » **FLIR Star SAFIRE HD: 30/20 km day/night imaging, full digital high-definition video from all of its imaging sensors, and with output video that meets US DOD and NATO specifications for HD acquisition.**

- » **TASE 400 HD: Features continuous zoom MWIR, onboard GPS/INS, target track, and image stabilization**

SHOOTER DETECTION SYSTEM

- » **Superior detection of single shots, burst fire, multiple bursts, or multiple shooters**

- » **Reports relative shooter range, azimuth, and elevation for first round fired**

- » **Reports threat weapon classification**

COMMUNICATIONS OPTIONS

- » **Wireless router with antenna extends up to 20 or 50 mile LOS**

- » **Industrial 5-band repeater / cell phone repeater**

- » **Frequency Jammer blocks 800-2500MHz, WiFi, Bluetooth, GPS, and many more**

- » **Cell phone detector monitors up to 72 channels simultaneously**

THREAT RESPONSE

- » **Remote Weapon Station: 24/7 day and night threat response unit supports a wide range of weapons and deploys in less than 5-seconds**

RUGGEDIZED TABLET INTERFACE / FIELD CONTROL UNIT (FCU)

- » **Integrates all imaging and communications data into one easy to use tablet**