NADATS

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TACTICAL TOWER
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 WEAPON STATION
SWITCHBLADE SMART RPG
PAYLOAD MOUNTING
PAYLOAD INTEGRATION
PAYLOAD PLUG AND PLAY SYSTEM
RUGGEDIZED TABLET INTERFACE
POWER SYSTEM 220V INPUT

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

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

Ground Mounted:

» **Selex PicoSar: Employs the Seaspray AESA family common processor, offering high resolution SAR imaging and GMTI. The picosar has low SWaP with extensive range up to 20km**

Elevated Surface Mounted:

» **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)**

TACTICAL 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:

Ground Mounted:

» **TASE Family: TASE 150, 200, 350, and 400**

Elevated Surface Mounted:

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

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 (250 yds) with optional extensions up to 20 and 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**

» **Switchblade: Man-portable, rapidly deployable, loitering munition for use against beyond-line-of-sight (BLOS) targets, offering precision strike with very low collateral damage**

RUGGEDIZED TABLET INTERFACE / FIELD CONTROL UNIT (FCU)

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

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