



OPTO-ELECTRONIC TRACKING SYSTEM (OETS-206)

The OETS-206 is a highly accurate mobile tracking platform capable of meeting today's demanding requirements for optical tracking system performance.

OETS-206

The OETS-206 consists of a mobile tracking platform with optical sensors, pedestal, and mobilizer and a mobile control shelter providing local control of the tracking mount. Remote control is provided via network interface. The mobilizer includes a suite of tracking sensors mounted on a highly accurate and stable tracking pedestal. Integrated into the mobilizer is a Digital Video Recorder capable of gathering data and images from the sensors and transmitting the real-time images to the local and remote consoles. The mobilizer also includes a Track Mount Computer (TMC) providing control of the pedestal and sensors. Next generation optical tracking system Rapid relocation, setup and auto-calibration Long range remote control via network Local digital video recording (analog or digital input) Encoder, range, time, cal and status per frame Real-time digital video streaming and playback 150 milliseconds video latency to console Quick-look mission data to data center via network OETS-206 control can be provided via local and/or remote console.

KEY FEATURES

- Next generation optical tracking system
- Rapid relocation, setup and auto-calibration
- Long range remote control via network
- Local digital video recording (analog or digital input)
- Encoder, range, time, cal and status per frame
- Real-time digital video streaming and playback
- 150 milliseconds video latency to console
- Quick-look mission data to data center via network

BAE SYSTEMS

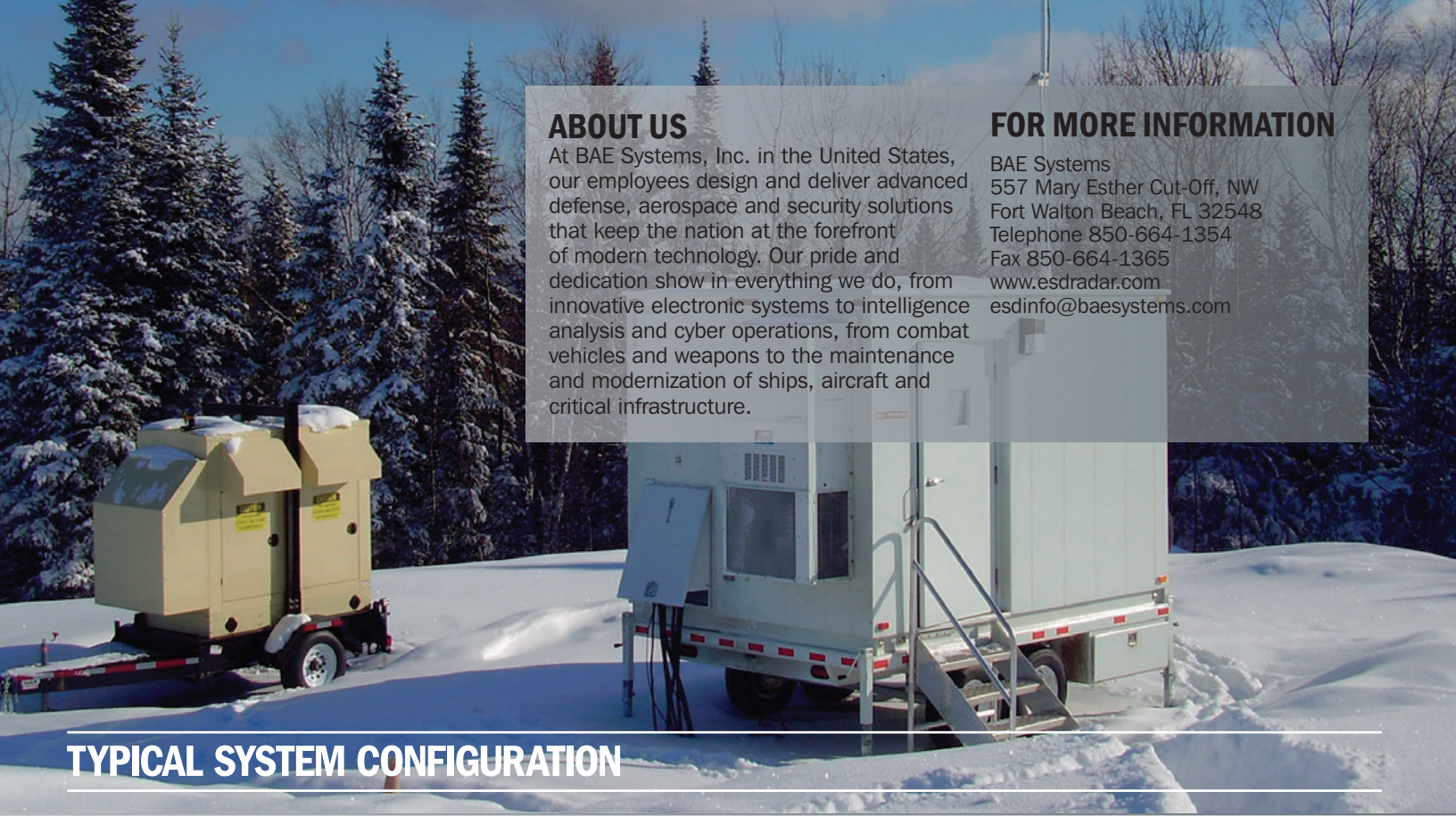
INSPIRED WORK

ABOUT US

At BAE Systems, Inc. in the United States, our employees design and deliver advanced defense, aerospace and security solutions that keep the nation at the forefront of modern technology. Our pride and dedication show in everything we do, from innovative electronic systems to intelligence analysis and cyber operations, from combat vehicles and weapons to the maintenance and modernization of ships, aircraft and critical infrastructure.

FOR MORE INFORMATION

BAE Systems
557 Mary Esther Cut-Off, NW
Fort Walton Beach, FL 32548
Telephone 850-664-1354
Fax 850-664-1365
www.esdradar.com
esdinfo@baesystems.com



TYPICAL SYSTEM CONFIGURATION

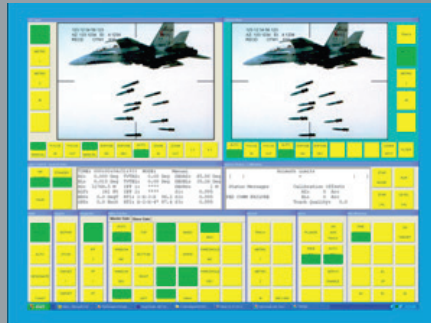
OPTICAL TRACKING MOUNT

Each OTM consists of:

- Mobilizer/Trailer
- Clam Shell Cover
- Tracking Mount
- Multiple EO Sensor Mounting Positions
- Level Sensor
- Tracking Mount Computer
- Digital Video Recorder 4-Channel (DVR)
- Cable Wrap with ± 300 degrees of travel

DIRECT DRIVE MOTORS

Operator Console (remote/local)



SPECIFICATIONS

- Payload 1200 pounds
- Azimuth Travel: ± 300 degrees
- Elevation Travel: -5 to 185 degrees
- Angular Velocity: 60 deg/sec
- Angular Acceleration: 60 deg/sec/sec
- Operating Temp: -30C to +35C

TYPICAL EO SENSORS

- Track Camera (Zoom)
- Laser Range Finder
- Metric 1 High Speed Camera
- IR Camera
- Metric 2 Metric Camera
- CW Doppler Radar
- Compact Tracking Radar
- Range Only Radar
- Laser Rangefinder