SeaFLIR 280-HD is a high performance maritime imaging system designed to identify and track smugglers, terrorists, or any other threat – day and night, and on the roughest seas. With all-HD imaging and powerful optics on the thermal imaging payload as well as the daylight and lowlight camera payloads, SeaFLIR 280-HD reveals the details necessary for long-range vessel detection, identification, and threat assessment. It’s reliable and ready for real-time, long-range target detection, identification, and tracking at high fidelity for multiple maritime mission scenarios.

Built to MIL-STD-461 and MIL-STD-810, SeaFLIR 280-HD is designed for deployment in ISR, interdiction, EEZ constabulary, maritime SAR, covert OPS, remote weapon control, automatic target/threat detection, man overboard search and track, and disaster support. Multiple NIR and SWIR laser illuminator and pointer options light up targets for personnel with night vision capability. Internal navigation system slaves other systems to targets identified by SeaFLIR 280-HD. Excess processing power allows for seamless future expansion.
SPECIFICATIONS

Thermal Imager
Sensor type: 1280x720 InSb FPA (640 x 480 optional)
Wavelength: 3-5 μm
FOVs: Optical: 40°-2° continuous
Daylight Camera
Sensor type: 1920x1080 CCD
FOVs: Optical 54.4° to 1.5°
Low Light Camera
Sensor type: 1280x720 sCMOS
FOVs: Optical: 52.1° to 1.4°
Spotter Scope (Option)
Sensor type: 1920x1080 CCD or 640x480 SWIR
FOVs: CCD: 29.9°, 4.83°, 0.92°, 0.51° (0.25° w/2X E-Zoom)
SWIR: 32.8°, 5.32°, 1.01°, 0.56° (0.28° w/2X E-Zoom)
Laser Payloads
Rangefinder: Max Range: 30 km
Illuminator (Option): Power: 1 W or 2 W – NIR or SWIR
Pointer (Option): Power: 150 mW
System Performance
System type: Gyro stabilized TFU w/ separate CEU
Az. coverage: 360°
System Interfaces
Digital video: SMPTE 292M/HDMI
Analog video: NTSC/PAL
Control: RS-232, RS-422
Data: RS-232, RS-422
Environmental
Standards: MIL-STD-810, MIL-STD-461
Operating temperature: -40°C to 55°C
Power Requirements
Voltage: 24VDC
Consumption: 240 W Typical, 350 W Max
Anti-Ice: Additional 360 W
Dimensions & Weight
TFU Size: 14”(d) x 16”(h) cylindrical volume
TFU weight: <55 lbs
CEU Size: 12.0 w x 12.0 d x 5.5 h
CEU weight: <19 lbs
Other Options & Accessories
Displays & Recorders, 3rd Party Video Processing

For More Information contact surveillance_sales@flir.com
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