BLΛCK

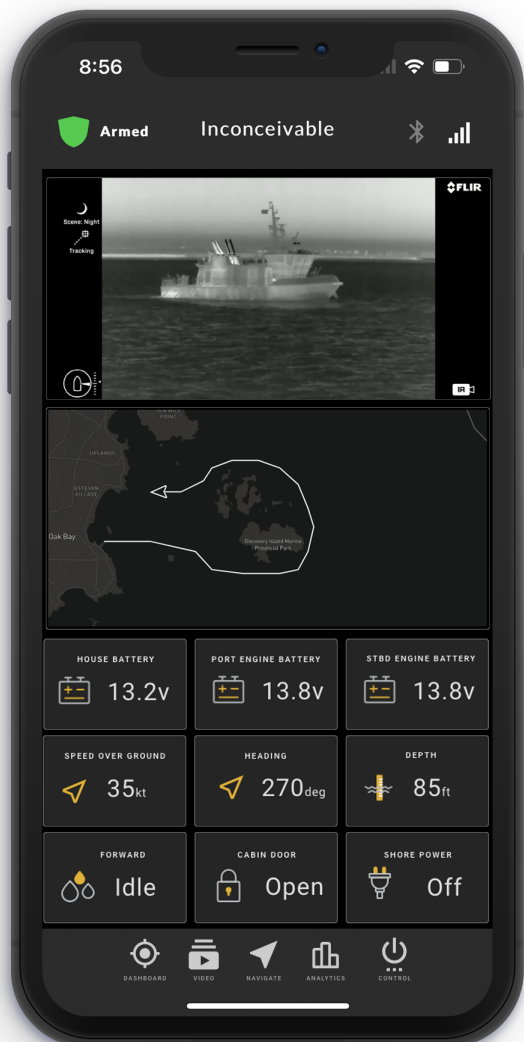## The IoT hub that's ready for anywhere.

Mix and match devices
Connect a wide range of onboard networks, protocols, and device interfaces to a single hub. Add your choice of cameras, sensors, and other IoT devices.

Collect and store data
Record, integrate, and secure high-frequency onboard data and video. Store data locally, send it to the cloud, or both.

Recognize and respond
Capture and analyze activity where and when it happens. Define, recognize, and respond to events with automatic or remote device controls.

Discover, learn, and share
Review onboard activity and uncover useful insights using synchronized visualizations and video.

BRNKL Black Specs

General

Physical Dimensions: 7" W x 6.7" L x 2.5" D (178x169x61mm)

Weight: 1.84lbs (835g)

Temperature: -20°C to +75°C

Power Consumption: 500mA average; 2A max @ 12VDC

Antenna ports: GPS & WiFi

Mounting: Flange

Internal Battery: 3000mAh

IP Rating: IP67

Status Indicators: Power, Communications, Data

Connections

Power Input: 10.5-60VDC

Analog/Digital Selectable Inputs: 7 wired (0-60VDC)

Outputs: 2 wired (1.5A max)

Ethernet Port: 1 wired

NMEA 2000 Port: 1 wired

J1939 Port: 1 wired

WiFi: Wireless

Serial Port: 1 wired (RS232)

Antenna Ports: 2 SMA ports (GPS and WiFi)

Sensors

GPS Receiver: GPS/QZSS, Galileo, GLONASS, BeiDou (4 Concurrent GNSS)

Accelerometer: +/-2g; 16384 LSB/g

Gyroscope: +/-125 deg/sec; 262.4 LSB/deg/sec

Storage

Internal: 1TB or 4TB

Cloud: Optional

BRNKL Interface

Mobile Devices: iOS app or browser; Android app or browser

Other Devices: Browser

Browser Compatibility: Chrome, Safari, Firefox, Edge

Local Connection: WiFi

Camera Integration*

*Cameras sold separately

Supported Protocols: RTSP

Application Interface: ONVIF Profile S, ONVIF Profile T

Recommended Brands: Axis, HIKVision, FLIR, Raymarine, Garmin, Omnisense, VIVOTEK, Navico

Included Accessories

Installation Guide, power I/O cable, mounting bracket, NMEA 2000 T-connector, NMEA 2000 drop cable