



Secure and monitor your boat with the BRNKL

BRNKL is an award-winning 'home security system for your boat' built by people that know security. Check on your boat and receive an alert if something's wrong whether you're at the dock, at home, or halfway around the world. Stay connected from your phone, tablet or computer web browser.

Security

Capture camera images from your boat. Take photos on demand or automatically when a door opens, motion's detected, or other triggers.

Monitoring

Monitor up to 4 battery banks, shore power, bilge activity, and external sensors. Internal sensors include temperature, humidity, barometric pressure, pitch, heel and impact.

Global Coverage

Cross borders without replacing SIM cards or other configuration hassles. BRNKL operates on a global cellular network.

Out-of-the-box features

- Camera
- GPS tracking with anchor drag alerts
- Battery monitoring
- Bilge monitoring
- Temperature, humidity, barometric pressure sensors
- Impact sensor
- Pitch and heel sensor

Supported accessories

- Shore power sensors
- Door/window sensors
- Pressure mat
- Key fob and siren
- Motion sensors
- Smoke sensors

Contact us for a demo

Go to dadamarine.com to explore BRNKL using real data from a real boat.



Specifications

General

Physical Dimensions	127 mm x 90 mm x 50 mm
Status Indicator	LED indicator light
Weight	239g
Power Consumption	<200µA (standby) <70 mA (active)
Antennas	GPS (internal) GPS (external port) Mobile network (internal)
Mounting	Mounting plate
Temperature	-20°C to +75°C
Battery	1400mAh
Water Rating	N/A

Mobile Network Connection

Geographic Coverage	Network coverage areas worldwide
3G	HSPA+, UMTS
2G	Edge, GSM, GPRS
Service	Data only
Service Plan	Annual or monthly subscription
Service Provider	Barnacle Systems Inc.

Camera

Internal/External	External
Resolution	800 x 600
Connection	Wired, proprietary cable
Night Vision	Infrared image sensor
Water Rating	IP65
Cable Length	2 m (other lengths available)

Sensors

GPS Receiver	GPS, Galileo, Glonass
Accelerometer	±2g; 16384 LSB/g
Gyroscope	±125 deg/sec; 262.4 LSB/deg/sec
Temperature	-20 to +75°C; ±3°C
Humidity	300 to 1100hPa; ±1.5 Pa/K
Barometric Pressure	±0.25%; ±1.5 Pa/K

Connections

Analog Inputs	4 wired (5-32V DC)
Digital Inputs power	2 wired (9-32V DC)
Digital Inputs ground	4 wired
Digital Outputs ground	2 wired
Ground Connections	2
External Camera Port	1 wired (proprietary connection)
GPS Antenna	1 internal; 1 wired external port (SMA)

BRNKL Interface

Mobile Devices	iOS app or browser; Android app or browser
Other Devices	Browser
Browser Compatibility	Chrome, Safari, Firefox, Edge
Connection	Internet connection

Designed and manufactured in Canada

Distributed by Dada Marine Inc..

www.dadamarine.com

