



  
**BRNKL**  
BLACK



# BRNKL Black Specs

## General

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**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

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**Power Input:** 9-60VDC

**Analog/Digital Selectable Inputs:** 7 wired (9-60VDC)

**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/Bluetooth)

## Sensors

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**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

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**Internal:** 512GB to 4TB

**Cloud:** Optional

## BRNKL Interface

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

**Other Devices:** Browser

**Browser Compatibility:** Chrome, Safari, Firefox, Edge

**Local Connection:** WiFi

## Camera Integration\*

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\*Cameras sold separately

**Supported Protocols:** RTSP

**Application Interface:** ONVIF Profile S, ONVIF Profile T

**Recommended Brands:** Axis, HIKVision, FLIR,

Raymarine

## Included Accessories

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Installation Guide, power I/O cable, mounting bracket,

NMEA 2000 T-connector, NMEA 2000 drop cable