BCON¹

BCON¹ is a groundbreaking ADS-B OUT device with a unique combination of characteristics to meet the inherent needs of small UAVs.

- Performance. BCON¹ is to date the lightest, smallest and most efficient ADS-B OUT device on the market.

- Affordable. ADS-B technology for UAVs is essential for safer traffic in the sky but until now affordable solutions have not been available. BCON¹ is changing that. See www.skysense.io for current prices.

- Compliance. BCON¹ is compliant with all relevant FAA specifications. TSO/EASA authorization of BCON 1 is also underway.

- Easy-to-Install. BCON¹ comes either barebone (PCB) or with the enclosure of your choice. Once mounted, BCON¹ is configured directly from your laptop using a USB-cable.

SKYSENSE

BCON 1 ADS-B OUT specifications

General

Transmitter power	70 W/48.45 dBm
Operating altitude	unrestricted
GPS	NMEA-0183, RS232, adjustable data rate
Altitude	Internal altitude encoder (0.1m accuracy)

Electrical

Power supply	5–16 V
Power consumption (active)	2.5 W
Power consumption (stand-by)	<0.1 W

Compliance (on-going)

FAA/EASA	(E)TSO-166b
MOPS	DO260B, Class B0
Software assurance	DO-178C
Hardware assurance	DO-254
Operating Environment	DO-160G

Physical

Weight	35 g (without enclosure)
Dimensions	45 x 90 x 12 mm
Temperature range	−30–90 °C