



PIERCE AEROSPACE

B1

The Original Remote ID Solution



B1 – Remote ID Broadcast Module

Features:

- Built from Military Heritage
- High Performance Local Broadcast
- Meets and Exceeds ASTM Standards
- 2+ km Range
- 8 hr Runtime per Charge
- Designed and assembled in the USA

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SPECIFICATIONS



Mechanical Specifications:

Dimensions (LWD)	73mm x 24mm x 19mm
Weight	29g
Mounting	Two Cable Tie Slots
Connector	USB-C
Operating Temperature	-20°C to +50°C
Storage Temperature	10°C to +45°C
Operating Humidity	0% - 95% non-condensing
Storage Humidity	0% - 70% non-condensing

Electrical Specifications:

Input Voltage Rating	3.75V - 6.00V
Input Amperage Rating	225mA max
Input Wattage Rating	843mW max
Battery Type	Lithium Polymer
Battery Capacity	400mAh
Battery Endurance	8hr*
Charge Time	4hr

*Dependent on environmental conditions. Indefinite run-time when integrated with UAS onboard power.

Radio Specifications:

Antenna Type	PCB Antenna
Frequency	2400-2480MHz
Radiation Pattern	Omnidirectional
Max Output Power	+18dBm conducted
<i>Operational output power within FCC/ISED limits</i>	

Certifications:

FAA DOC: <https://uasdoc.faa.gov/listDocs/RID000000317>

Contains FCC ID: SQGBL654PA

