



Dimension: $\Phi 120 \times 85$ mm

AR-X1

UHF Datalink

The AR-X1 is a high-quality, 865-867 MHz Indian Licence Free Band UHF external datalink designed for GNSS RTK survey system. This device will extend your RTK work region. Fully metal construction provides high performance and rugged dependability for the toughest environment.

Features

Designed for GNSS RTK Survey Systems

865-867 License Free Indian Frequency.

Supports 9600 / 4800 / 19200 Baud Rate

Low Transmit Power of 1W

Strong Lemo Connector for Power Entry

Specifications

Frequency	866 MHz
Communication Mode	Half-Duplex
Modulation	LoRa
Baud Rate	9600/4800/19200 (Optional)
Compatible Receivers	GRX2, Hiper-V and others

Electrical

Power Supply	12V DC
Transmit Power	1W
Battery	7.4V, Li-Ion 4800mAh
Charging Time	6-8 h @ 25-30

Physical

Dimension	$\Phi 120 \times 85$ mm
Data Connector	1 Serial Port DB9
Power Connector	2 Pin Lemo/ODU
RF Connector	SMA Connector
Weight	850 g
Mounting	5/8" Top/Bottom for Receiver and Pole

Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to +60°C
Humidity	90% No-condensing
Water and Dust Proof	IP67

