

EchoPlus Base

Weight and Dimensions	1.55kg (231 mm x 173 mm x 97 mm)
Battery	3.7V, 75Whr Li-ion cells (18650 replaceable)
LCD Screen	Resistive Touch LCD 880 Nits
USB	USB-C PD max 12V, 1.5A (18W)
Clock	Temperature compensated Crystal 5PPM (± 0.432 sec per day)
GPS	Position and precise PPS. Auto time set function.
Frequency (active)	125kHz/2.4Ghz BLE
Frequency (passive)	866-950Mhz (country specific)
Battery Life	4hrs full LCD brightness, 5hrs LCD screen power save
Charge Time	5hrs
Connectivity	Ethernet port DHCP or static IP
Trigger Loop	3-12m long, 0.3-0.8m wide
UHF Antenna Ports	x4 RP-TNC or BNC
Memory	120,000 records flash RAM
Read gating	4 seconds
Operating Temperature	-25 to +50 degrees C
Read Rate	80 transponders per second (active) – 200 transponders per second (passive)
Optional Modem	Quectel 4G LTE (future upgradeable to 5G)
Warranty	2 years
Firmware Upgrades	Free for the life of the product.
Waterproofness	IP65 lid open, IP66 lid closed