79.00 EUR
incl. 19% VAT, plus shipping

- USB Dongle !
- 863-870 MHz (EU) !

Support: Specifications | Development

LD-50H is low power-consuming, half-duplex dongle. It can wirelessly transmit data to long-distance. It is built-in high speed and low power-consuming MCU and SX1276 modulation chipset. This chipset is applied with the forward error correction technique which greatly improves interference immunity and advances sensitivity. The coding can detect errors and automatically filter out errors and false data. LD-50H is suitable for long-distance transmission or harsh environments.

- Built-in standard LoRaWAN™ FW and proprietary MOST-Link FW in the same module
- Support setting various parameters like baud rate, transmission power, transmission speed, etc
- USB interface, could be directly connected to PC or mobile devices for development and test
- Ultra-high sensitive receiving ability by LoRa® spread spectrum modulation technology
- Long-distance transmission (1KM to 10KM)
- Instant wake up over the air
- LoRa® / FSK/ GFSK/ OOK modulation, 2-way half –duplex communication, strong anti-interfere
- Maximal output power 100mW (20dBm), output power adjustable between 5-20 dBm
- Accord FCC,ETSI,TELEC standard

LoRa® Module	GlobalSat Dual-mode LoRa® Module LM-513H
Antenna	RPSMA/ 50 Ohm
Frequency	863 ~ 870 MHz (EU) 902 ~ 928 MHz (US) 920 ~ 928 MHz (ROA)
Connection Type	USB Type-A
Transmission Media	UART
UART	Baud rate: 57600 bps Parity: 8N1
Operation Voltage	3.5 ~ 6 V
Current Consumption	Receiving: 33 mA (Typical) Transmitting: 140 mA (Typical) Sleeping: 10.3 mA (Typical)
Transmission Distance	LoRaWAN™: 1 ~ 10 KM @ 980 bps MOST-Link: 1 ~ 10 KM @ 0.81 Kbps
Receiving Sensitivity	LoRaWAN™: -132 dBm @ 980 bps MOST-Link: -132 dBm @ 0.81 Kbps
Operation Temperature	-40 ~ 85■
Storage Temperature	-40°C~85°C
Operation Humidity	5 ~ 95% (non-condensing)
Dimennsions:	22 × 64.5 × 12 mm, 13g
Certification	CE(RED), FCC, Telec
Accessories:	LoRA Antenna x1