

RS232/485 to LoRa converter

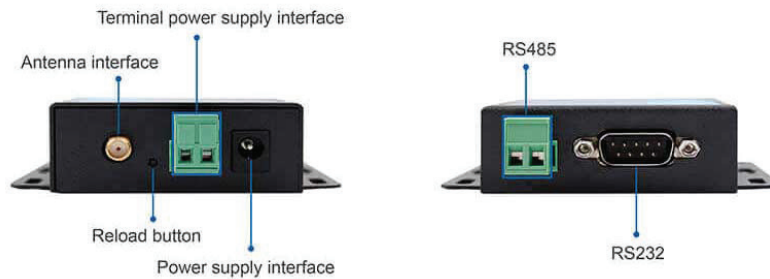
LST24-LORA is a serial RS232/485 to LoRa converter, which supports point-to-point protocol and fixed-point transmitting mode

FEATURES

- Point to Point LoRa Modems
- Supports point-to-point protocol and fixed-point transmitting mode
- Long communication distance, anti-interference, peer to peer
- Support hardware watchdog
- Anti-interference High receiving sensitivity: Receiving sensitivity can reach -138.5dBm



INTERFACE



SPECIFICATIONS

Frequency band	L:398-525MHz, H:803-930MHz
Transmitting power	10dBm~20dBm
Receiving sensitivity	-138.5dBm@0.268Kbps
Transmission distance	3500 meters. Test condition: Open area, clear weather, 20dBm transmitting power, 5dBi antenna gain, height is greater than 2 meters, 0.268K air rate.
Antenna	SMA
Data interface	Serial port: Support RS232/RS485 // Baud rate: 1200bps~115200bps
Working voltage	5V-36V (Transmitting current: 45mA@12V.)
Working current	Standby mode: 12mA@12V.
Working temperature	-30°C~+80°C
Storage temperature	-45°C~+90°C
Working humidity	10~90%RH
Size	103x 86 x 25 mm

ORDERING INFORMATION

P/N	Descriptions
LST24-LORA	RS232/485 to LoRa converter