

uLory

USB to LoRa Convertor

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LoRa is a wireless communication technology for sensor network, a next-generation LPWA(Low Power Wide Area) communication technology that can deliver small amount of data over long distances. uLory provides a communications distance of several km by applying LoRa, and can configure a long-distance wireless network over USB, the most widely used interface in PCs and smartphones.

Overview

Wireless USB Network Construction

Through universal USB, it can collect, analyze and control long-distance wireless sensor data.

High Performance and Excellent Reliability

It provides long-distance communication performance of up to 20km based on open field and industrial durability at the same time.

LoryNet Compatibility

Systembase's own LPWA platform, LoryNet, is applied, enabling interoperability with the LoryNet product line.

LoRa	Frequency	917 ~ 923MHz
	Bandwidth	125kHz
	Transmission Power	Max. 25mW
	Encryption	AES 128
USB	Specification	USB 2.0 High Speed
Hardware	Power(USB)	5V DC, 500mA
	Dimension	25.1(W) x 89(L) x 11.5(H)mm
	Weight	19g
	Operating Temperature	-40 ~ 85℃ (-40 ~ 185°F)
	Humidity	Max 95% R.H
	LED	RDY(Yellow), TXD(Green), RXD(Red)
Software	Protocol	LoryNet
	Settings	LoRaConfig(Windows/Android version), AT Command
Ordering Information	uLory-1010UIL	uLory-1010UIL

SystemBase Co., Ltd.

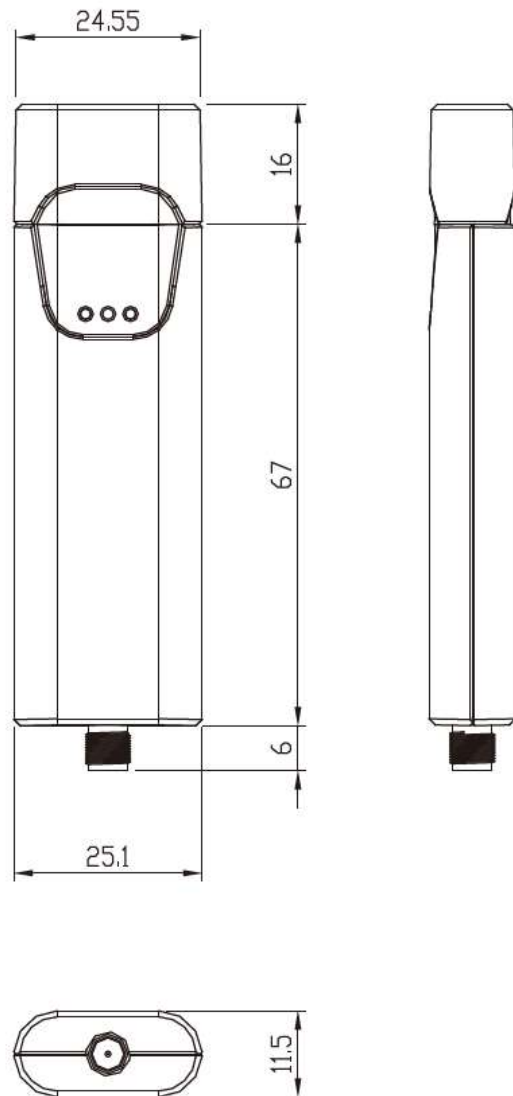
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Specifications subject to change without notice



Dimension



unit : mm

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