

sLory



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. sLory provides a communication distance of several Km by applying LoRa and provides wireless transmission and reception of RS-232/422/485 serial data. Users can configure long-distance wireless network.

Overview

Wireless Serial Network Construction

Supports wireless(LoRa) transmission and reception of RS-232/422/485 serial 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 PLWA platform, LoryNet, is applied, enabling interoperability with the LoryNet product line.

LoRa	Frequency	917 ~ 923MHz
	Bandwidth	125kHz
	Transmission Power	Max. 25mW
Serial	Serial Port	1 Port DE-9 RS-232(DCE) /422/485
	Speed	Max 921.6Kbps
	Data bit	8
	Stop bit	1
	Parity bit	None, Even, Odd
	Flow Control	RTS/CTS
	Signals	RS-232 : TXD, RXD, RTS, CTS RS-422 : TXD+, TXD-, RXD+, RXD RS-485 : TRXD+, TRXD-
Hardware	Power	5V DC Input, Power Consumption: 1.5W
	Dimension	34.9(W) x 90.15(L) x 16.5(H)mm
	Weight	40.5g
	Operating Temperature	-40 ~ 85℃ (-40 ~ 185°F)
	Humidity	Max 95% R.H
	LED	RDY(Green), SRL(Red), Link(Red)
	Serial Port Protection	± 15kV ESD Protection
Software	Protocol	LoryNet
	Settings	LoRaConfig(Windows/Android version), AT Command
Ordering Information	sLory-1010DIL/ALL	sLory-1010DIL/ALL, Manual, DC Adapter

SystemBase Co., Ltd.

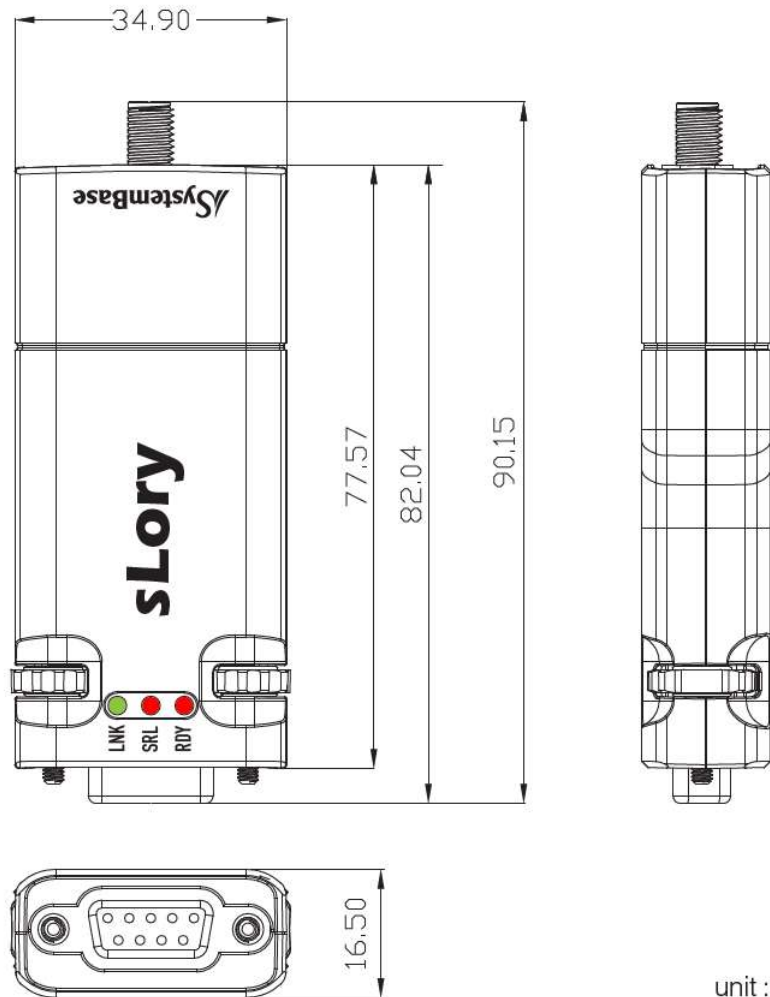
16F, Daerung Post Tower-1, Digital-ro 288, Guro-gu, Seoul, Republic of Korea 08390

Tel +82-2-855-0501 | Fax +82-2-855-0580 | www.sysbas.com

Specifications subject to change without notice

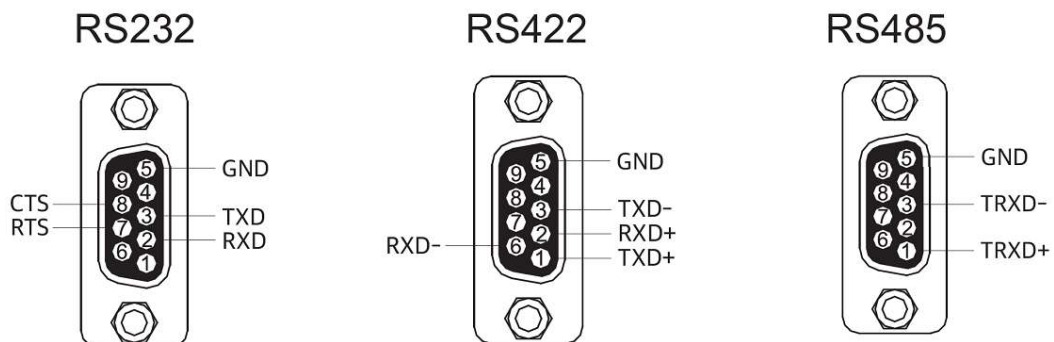


Dimension



unit : mm

Pin Assignment



SystemBase Co., Ltd.

16F, Daerung Post Tower-1, Digital-ro 288, Guro-gu, Seoul, Republic of Korea 08390

Tel +82-2-855-0501 | Fax +82-2-855-0580 | www.sysbas.com

Specifications subject to change without notice