

# *rLory*

## LoRa Repeater



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. rLory bypasses the LoRa communication shaded area or performs as a repeater for long distance communication of more than 20km. Users can configure long-distance wireless network.

## Overview

### Wireless Network Repeater

It provides the ability to retransmit the received data between wireless (LoRa) equipment.

### 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
Serial	Serial Port	1 Port DB9 female RS-232(DCE) Console
	Speed	Max. 926.1Kbps
	Data Bit	8
	Stop Bit	1
	Parity Bit	None, Even, Odd
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(Yellow), SRL(Red), Link(Green)
	Serial Port Protection	±15kV ESD Protection
Software	Protocol	LoryNet
	Settings	LoRaConfig(Windows/Android version), AT Command
Ordering Information	rLory-1010DIL/ALL	rLory-1010DIL/ALL, 2.5dBi Antenna, Quick Manual, Download Guide, Warranty Policy, 5V 1A DC Adapter(Ourter DIA: 3.47mm, Internal DIA: 1.35mm)

SystemBase Co., Ltd.

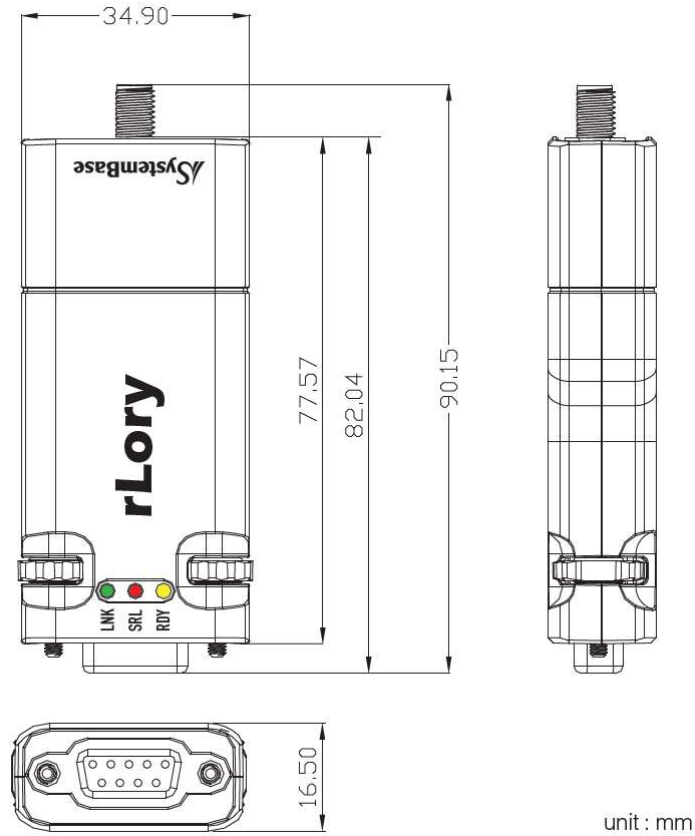
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Specifications subject to change without notice

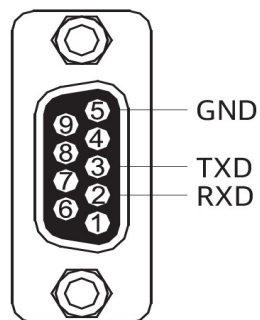


## Dimension



## Pin Assignment

### RS232



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