

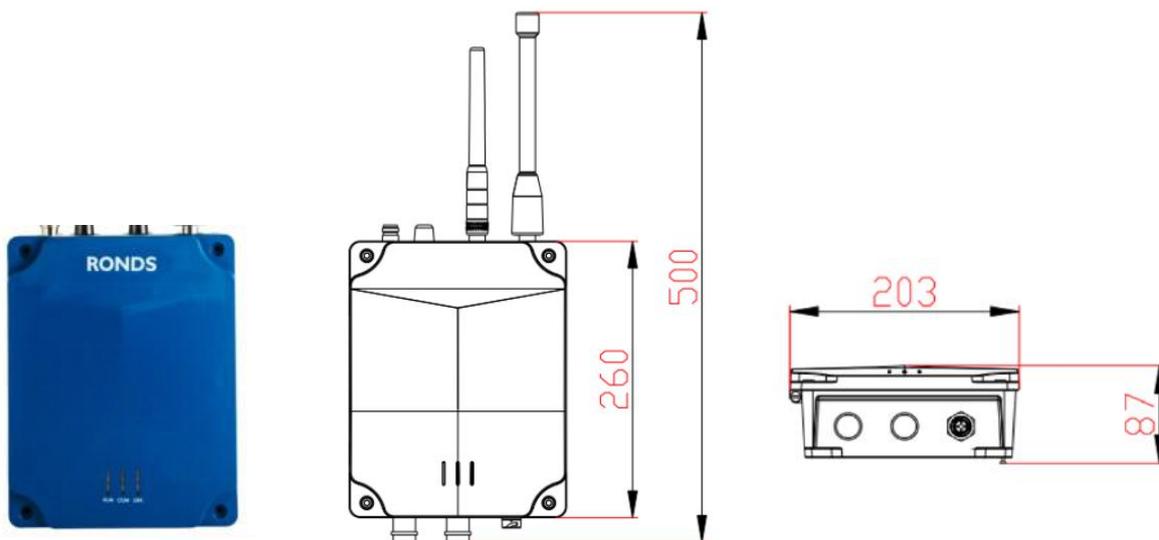
RH570

Wireless Data Collector

Product Overview

RH570 is Ronds new generation wireless data collector, used for transmitting the data from wireless sensors. RH570 compatible with a variety of communication methods including LoRa (For sensors) and Ethernet/WiFi/4G/5G (For Network). The new generation RH570 has excellent protective capabilities and can cooperate with Ronds intelligent sensor to achieve powerful intelligent acquisition and edge computing capabilities. So it can be applied to various industries and scenarios, including petrochemical, steel, cement, mining etc.

Product Picture and Dimension



Main Parameters

Parameters	Specification	Remark
Physical		
Dimension	260mm × 203mm × 87mm	Length × Width × Height
Weight	About 2.5kg	
Shell Material	Cast aluminum	
Installation Method	Wall-mounted or pole-mounted	Mounting fixtures or accessories are required for installation
Ambient Temperature	-40°C to 70°C	

RH570

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Main Parameters

Parameters	Specification	Remark
Physical		
Storage Temperature	-50°C to 85°C	
Protection Grade	IP66	
Communication		
Communication with Sensor	LoRa:868MHz/915MHz	
Communication with Network	Ethernet, WiFi, 4G, 5G (Optional)	Options: Ethernet+4G; Ethernet+5G; Ethernet+Wifi; Ethernet;
Communication Distance (LoRa)	1000m	Line of sight
Industrial Communication Interface	RS485	Optional
Power		
Power Supply	100~240VAC(CE/UKCA/FCC/KC) 100~277VAC(ATEX/IECEX/KCs) 9~36VDC Battery(3.6VDC)	
Battery option	32×12Ah	Model:RH305-BAT
Power Consumption	<10W	
Basic		
Storage (EMMC)	8GB(CPU1) + 8GB (CPU2)	Can be expanded
Support Sensor Number	128	

RH570

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Main Parameters

Parameters	Specification	Remark
Others		
Certification	CE/UKCA/ATEX/IECEX/FCC/KC/KCs/IC	
Identification	Ex II 3G Ex ec II* T6 Gc (ATEX) Ex ec II* T6 Gc (IECEX/KCs)	5G: IIA 4G/WIFI: IIC