

Technical Parameters

RH505 Wireless Vibration and Temperature Sensor	
Vibration range	±50 g
Linearity	1%
Frequency range (±3dB)	2~15kHz
Temperature range	-40 ~ 125 °C
Temperature accuracy	±1 °C (-40 °C ~ 125 °C)
Power supply	Lithium - thionyl chloride battery, 3.6V, 3.3Ah
Communication method	2.4GHz IEEE 802.15.4Zigbee
Working temperature	-40 ~ 70 °C
IP grade	IP67
Anti-explosion identification	Ex ia II C T4 Ga (Zone 0, Zone 1, Zone 2)

RH509 Wireless Speed Sensor	
Speed measurement range	60 ~ 4000 RPM
Response distance	14 ~ 18 mm%
Power supply	Lithium - thionyl chloride battery, 3.6V 2.4Ah
Communication method	2.4GHz IEEE 802.15.4Zigbee
Mounting	Fixation through holder
Working temperature	-20 ~ 70 °C
IP grade	IP67
Anti-explosion identification	Ex ia II C T4 Ga (Zone 0, Zone 1, Zone 2)





RH560 Wireless Data Collector	
Communication with sensor	2.4GHz IEEE 802.15.4Zigbee
Indicator LED	working, communication, abnormal status
Number of RH505 connecting condition	30~60 units according to real application
Power supply	220V AC or Lithium - thionyl chloride battery 3.6V 38Ah
Working temperature	-40~70 °C
IP grade	IP66



Wireless CMS

Smart Wireless Transmission

High Efficient

-  No Signal Cable Required
-  Vibration, Temperature & Speed Integrated
-  IP66 Protection Grade
-  Industrial Intrinsically Safety Design

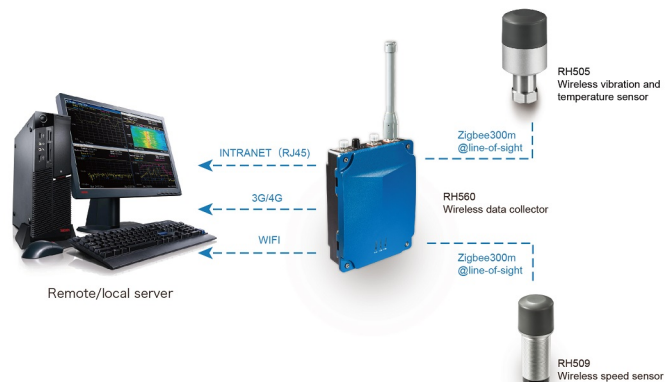
Anhui Ronds Science & Technology Incorporated Company

Add: B1-5, Animation industry base 800# Wangjiang West Road, Hefei, Anhui, China 230088
Tel: +86 0551-65335195 Mobile/What's App: +86 15156070717
Fax: +86 0551-65335196 E-mail: ying.xie@ronds.com.cn

www.ronds.com.cn



Wireless CMS



Main Features

Wireless data transferring, Convenient installation

Zigbee communication, no signal cable during installation, 2 years battery life of wireless sensor, suitable for explosion area.

Smart data acquisition and processing

Complete data acquisition, processing and transmission of machines' vibration (acceleration, velocity and displacement) and temperature signal, ensured machine safety and continuous operating.

Smart alarm for abnormal machines

Adopting various kinds of alarm parameters: overall value, index, temperature, etc.

One key upgrade of hardware and software

One key remote upgrade, accurate, efficient and convenient.

Diversified communication

Support for WIFI, 3G/4G, Intranet and optical fiber, suitable for different industrial field

Applications



Water Treatment Industry

Clarifier unit
Blowers
Self-priming pumps, Vertical pumps
Solid compactor unit



Mining Industry

Various Fans
Water cooler
Crusher, Conveyor belt
Ball mill, Screener
Agitator, Dust extractor



Chemical Industry

Various pumps group
Various compressors group
Various air fans



Metallurgy Industry

Mill, Crusher, Mixing machine
Belt conveyor, Winch, Elevator
Various air fans, pumps and compressors
Steam turbine, turret of continuous casting machine
Crimper, Decoller, Straightening machine
Sinking machine, Temper mill, Various mills



Thermal Power Plant

Various pumps group
Various fans
Coal mill
Belt conveyor
Crushing machine



Tobacco and Cement Industry

Various fans, mill, crusher and conveyor
Mixing machine, rotary kiln
Other key important rotary equipment