

## WTS-RDC WIRELESS REMOTE DATA COLLECTION

The WTS-RDC uses a Quad Band GPRS modem to log and report data to multiple destinations including web services, email addresses and mobile phones, allowing for worldwide access to data.

WTS transmitter values are also compared to user defined limits which can trigger alert messages allowing real time monitoring of an entire system.

Data can be collected and delivered at predefined intervals in the form of a CSV file or customized data can be delivered to a wide range of cloud data collection and analysis services. SMS messages and email can also be sent as triggered alerts or at intervals.

Low power modes allow the WTS-RDC to operate from external battery packs or from solar panel systems.

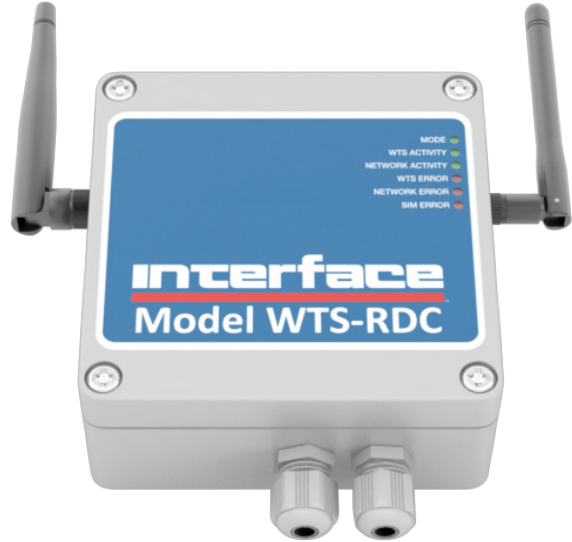
### FEATURES & BENEFITS

- Ideal for remote applications
- Wireless input range of up to 800 m (2,625 ft)
- Output data to anywhere in the world
- Collect data from up to 200 sensors
- Re-configure settings remotely using SMS
- Alert functionality
- Free software

### SPECIFICATIONS

POWER SUPPLY		
Power Supply Voltage Range – VDC	9 to 32	
Average Operating Current When GSM Active - mA	350	
GSM/GPRS RADIO		
Radio Type	Quad-band EGSM	
Radio Frequency – MHz	850/900/1800/1900	
Output Power Class 4 @ 850 / 900 MHz – W	12	
Output Power Class 1 @ 1800 / 1900 MHz – W	1	
GSM/GPRS RADIO		
Radio Type	Quad-band EGSM	
Radio Frequency – MHz	850/900/1800/1900	
Transmit Power – mW	10	
Output Power Class 4 @ 850 / 900 MHz – W	12	
Output Power Class 1 @ 1800 / 1900 MHz – W	1	
ENVIRONMENTAL		
Operating Temperature Range	°C	-20 to 55
	°F	-4 to 131
Storage Temperature Range	°C	-20 to 55
	°F	-4 to 131
Maximum Humidity – %	95 non-condensing	

### STANDARD CONFIGURATION

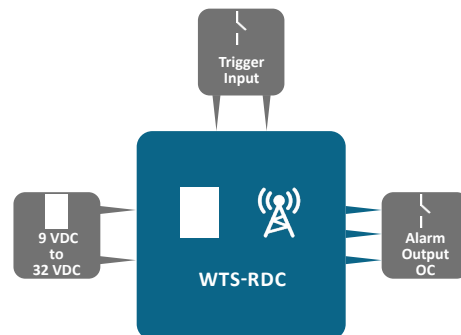


WTS-RDC (Shown)

### OPTIONS

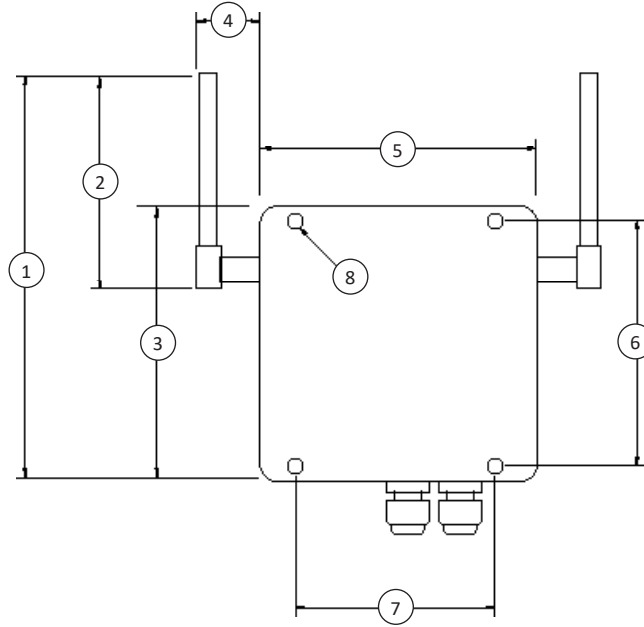
- WTS-RDC-1**  
Wireless remote data collection – 1 transmitter
- WTS-RDC-2**  
Wireless remote data collection – 2 transmitters
- WTS 4-RDC-5**  
Wireless remote data collection – 5 transmitters
- WTS-RDC-10**  
Wireless remote data collection – 10 transmitters
- WTS-RDC-200**  
Wireless remote data collection – 200 transmitters

### ELECTRICAL



U.S. dimensions and capacities are provided for conversion only. Standard products have International System of Units (SI) capacities and dimensions.

# WTS-RDC WIRELESS REMOTE DATA COLLECTION



## DIMENSIONS

See Drawing	Metric (mm)	U.S. (in)
(1)	190	7.5
(2)	95	3.7
(3)	120	4.7
(4)	30	1.2
(5)	120	4.7
(6)	110	4.3
(7)	90	3.5
(8)	Ø4.0	Ø0.2
Height	55	2.2