

## G7-T2-R

## Wireless Temperature Sensor (with Relay)

### Temperature Humidity Sensor

Range: -55 ~ 125 °C  
Accuracy: +/- 0.5 °C5  
Steel Probe: 50mm  
Cable: 2m

### Onboard Relay

Relay Rating: 30VDC/1A, 350VAC/0.12A  
State: Normal Open  
Alarm Triggered: Relay Output Close  
Time Lapse: 0 ~ 255 seconds

### Standard Battery

Battery Capacity: 3.6V, 3400mAh  
Battery Life: > 3 years (upload: 30 min)  
Dimension: 80 x 80 x 28 mm



G7-T2-R

*Relay: Switch On when alarm is triggered.*

### Extended Battery

Battery Capacity: 3.6V, 14000mAh  
Battery Life: > 10 years (upload: 30 min)  
Dimension: 115 x 90 x 55 mm



G7-T2Ex-R

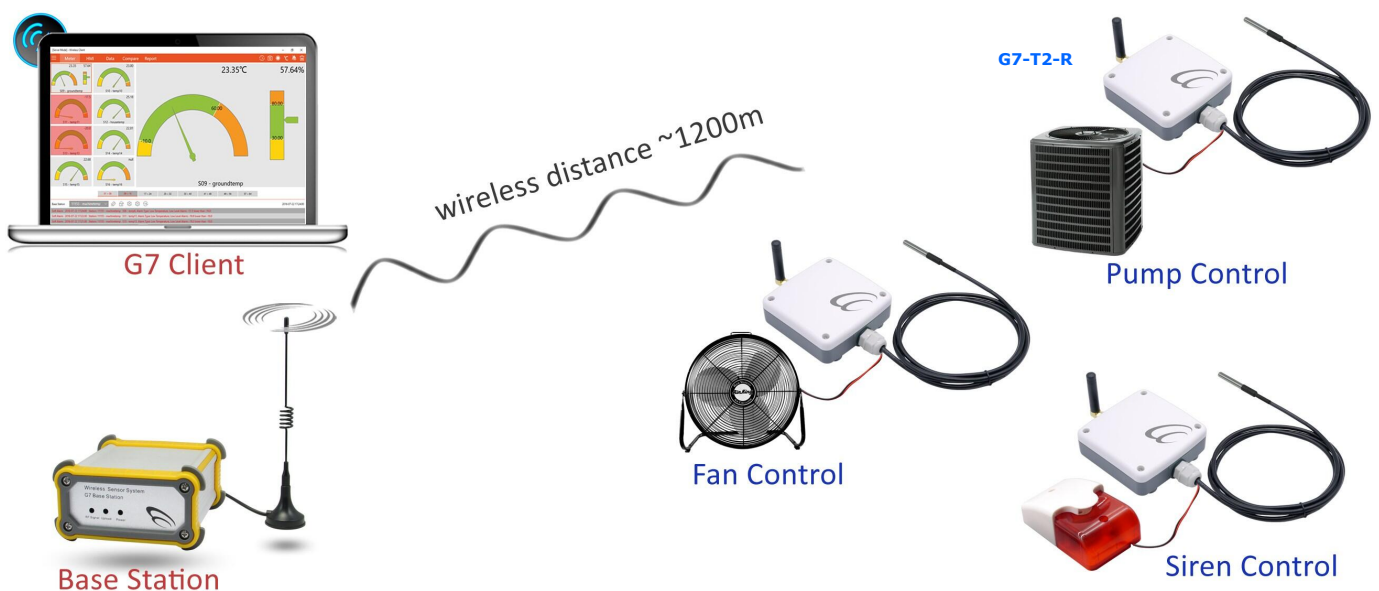
### Applications

Agriculture: Ventilation Control  
Oil / Diesel Tank or Storage  
Heater, Oven, Boiler Industries  
Local Alert: on site siren alert

### How relay works?

When temperature is higher/lower than alert level,

1. Wireless Sensor sends alarm data to base station
2. Base Station sends alarm to G7 Server or G7 Client
3. Wireless Sensor turn on the onboard relay



## G7-H2-R

## Wireless Temperature Humidity Sensor (with Relay)

### Temperature Humidity Sensor

Range: -40 ~ 125 °C, 0 ~ 100%RH  
Accuracy: +/- 0.3 °C, +/-2%  
Probe: PVC rain proof (G7-H3-R)  
Cable: 2m (G7-H2-R)

### Onboard Relay

Relay Rating: 30VDC/1A, 350VAC/0.12A  
State: Normal Open  
Alarm Triggered: Relay Output Close  
Time Lapse: 0 ~ 255 seconds

### Standard Battery

Battery Capacity: 3.6V, 3400mAh  
Battery Life: > 3 years (upload: 30 min)  
Dimension: 80 x 80 x 28 mm



*Relay: Switch On when alarm is triggered.*

### Extended Battery

Battery Capacity: 3.6V, 14000mAh  
Battery Life: > 10 years (upload: 30 min)  
Dimension: 115 x 90 x 55 mm



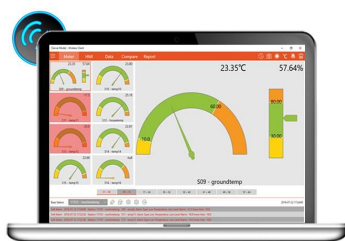
### Applications

Agriculture: Irrigation Control  
Crop Warehouse/Food Chain Storage  
Freezer, Medical Storage  
Local Alert: on site siren alert

How relay works?

When temperature or humidity is higher/lower than alert level,

1. Wireless Sensor sends alarm data to base station
2. Base Station sends alarm to G7 Server or G7 Client
3. Wireless Sensor turn on the onboard relay



G7 Client



Base Station

wireless distance ~1200m



Valve Control



Pump Control



Siren Control