Geo-Trac
ASSET MANAGEMENT INC.
Everything that matters. In sight.

LoRa HUMIDITY & TEMPERATURE SENSOR

LoRa

Monitor Climate Control

- Desiccant dehumidifiers
- Air handlers
- Construction sites and building projects
- Warehouses and storage facilities
- Data centers and server rooms
- Greenhouses and grow rooms
- Cold storage and food storage areas
- Large or remote sites (up to 3 miles with 1 gateway)

GT-7



GT-7P



ITEM	GT-7	GT-7P
Dimensions (enclosure)	106 x 57 x 33 mm (4.17" x 2.24" x 1.30")	
Probe cable length	Not applicable (sensor mounted on enclosure)	6 ft (about 1.8 m)
Weight	135 g (0.30 lb)	170 g (0.37 lb)
Battery	3.6V / 4000 mAh, replaceable	
Battery Life	5 years at 1-hour transmit intervals (shorter at faster intervals)	
Maximum Range in Open Area	5 km (over 3 miles), open area, line of sight	
Connectivity	LoRa, 915 MHz. Requires the Geo-Trac LoRa gateway (GT-5785)	
Temperature Accuracy	±0.3 °C (0 °C to 60 °C)	
Humidity Accuracy	±3% RH (20% to 80% RH)	
Detecting Temperature Range	-40 °C to +125 °C (-40 °F to +257 °F)	
Operating Temperature Range	-30 °C to +60 °C (-22 °F to +140 °F)	
Operating Humidity Range	0% to 85% RH (non-condensing)	
Memory Capacity	50,000 readings	
Transmit Power	20 dBm (adjustable)	
Transmit Interval	1 to 1440 minutes (user-defined)	
Low Voltage Alarm	Yes (user-defined)	
Temperature Alarm	Yes (user-defined)	
Standby Current	<5 µA	
Ingress Protection Rating	IP54 (dust-protected, splash-resistant; not for submersion)	

Detecting range is what the sensing element can read; operating range is the temperature the device is rated to run in. Specifications are subject to change.

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