Pair up to 60 thermometers to each gateway. Thermometers send data to gateway once per minute via LoRa and the gateway sends the data to the cloud via WiFi. Thermometers can be monitored remotely via the “Dependable IOT” app in the Google Play store. If the temperature gets too high/low an alarm is sent to your phone's notification screen.

**THERMOMETER SPECIFICATIONS**
- **Case**: High impact, fire resistant ABS
- **Stem**: 3.5" or 6" (Zinc)
- **Connection**: 1-1/4"-18 UNEF brass swivel nut
- **Sensor**: Glass passivated thermistor
- **Range**: -50/302°F and -40/150°C
- **Display**: LCD screen
- **Update time**: 6 times per minute
- **Accuracy**: Greater value of 1°F or 1% of reading
- **Resolution**: 0.1°F
- **Ambient temperature**: -30°F to 140°F
- **Maximum humidity**: 100%
- **Battery**: Lithium (non-rechargeable) 26500H
- **Battery life**: 1 year

**GATEWAY SPECIFICATIONS**
- **Data in**: LoRa signal
- **Data out**: WiFi signal
- **Maximum Instruments Paired**: 60
- **Power input**: DC5V-2A