

3D Digital Design & Development LTD
58/60 Edward Road
Tri-Bec House
New Barnet
EN4 8AZ
020 8440 7060



TFMS

Datasheet

Temperature Monitoring Any Time, Any Place
Technology Working For You

TFMS technical specifications

BASE STATION

Specifications

- Part Number TFMSBS
- 64 Channels
- 16 Dual Sensors
- 250 meters maximum distance to sensors
- LCD display & Joystick Control
- Alarm buzzer and ultra-bright alarm LED
- Power outage SMS
- Daily system Ok SMS
- Built-in GPRS connection
- Built-in SMS and Email alarms
- Ethernet connection
- 12 hours battery backup operation
- Dimension: HWD 165 mm x 320 mm x 42 mm
- Weight: 1.95 kg
- Wall mounted steel enclosure

DUAL SENSORS

Specifications

- Part Number TFMS
- 4, 2 Temperature PT100 Class A 4 wire /Humidity & 2 doors
- Resolution: 0.01°C
- Accuracy: +-0.3°C
- Humidity range 0-100%
- Humidity accuracy +-2%
- Operating range: -196C to 200C P100 or -100C to 500C type K thermocouple
- 4 Volt-free relay contacts inputs
- 250 meters maximum distance to base station
- Communication Bidirectional
- Frequency 433MHZ band
- On-board memory 32000 readings
- Signal Strength transmitted to TFMSBS
- Antenna ¼ wave, 170mm
- Battery 3.6V lithium, 3 years lifetime
- Low battery LED indicator
- Low battery alarm transmitted to TFMSBS
- Dimension: HWD 97 mm x 65 mm x 36 mm
- Weight: 150g
- Wall mounted enclosure IP65

Communication:

The TFMS has the following communication options

Ethernet connection with Server/Client options

Built GPS & GPRS modem for remote Internet connection via the mobile network