## TRAMEX REMOTE ENVIRONMENTAL MONITORING SYSTEM TREMS-10



The Tramex Remote Environmental Monitoring System has been designed and developed by Tramex for professionals who depend on the most accurate, reliable, real-time building environment temperature and relative humidity readings using state of the art technology to respond quickly to environmental changes and notify users. The TREMS-10 comprises 10 CS-RHTA Tramex Cloud Sensors and a Tramex Cloud Station router. Multiple Sensors can be used with one Station and additional sensor Accessory Packs are also available. Registration and on-site set-up is simple using a QR code check-in procedure. The on-site Sensors, with battery life of up to 15 years, transmit relative humidity, temperature (°C and °F), dew point and grains per pound / grams per kilo readings wirelessly via the Tramex Cloud Station enabling remote monitoring of up to 200 on-site Sensors on the Tramex Cloud platform. Tramex Cloud is a secure platform to store and report your moisture, temperature and relative humidity measurements, get notified of adverse conditions and quickly monitor status from any browser. There are no subscription fees and there is free data with the Tramex Remote Environmental Monitoring System.



#### **KIT CONTENTS**

- 1. 10 x CS-RHTA Tramex Cloud Sensors
- **2.** 1 x Tramex Cloud Station
- 3. 1 x Heavy Duty Protective Carry Case
- Tramex Cloud Software Monitoring platform (Tablet not included)
- **5.** Antennae for Cloud Station



RH, T, DP, gr/lt



TRAMEX CLOUD



Product Code: TREMS-10

## SPECIFICATIONS

## **TRAMEX CLOUD SENSOR - SPECIFICATIONS & MEASURING RANGE**



Sensors can be easily registered by scanning the QR code on the back of the instrument and clicking 'register' in your Cloud account.

Size:	3.94" x 3.54" x 1.38" (100mm x 90mm x35mm)	) Transmission Range: Up to 2 miles line-of-sight
Weight:	3.53oz (100g)	Communication Frequency: Multiple readings per hour
Power: B	uilt in CR123A battery with up to 15 year lifespan	Identification: Items individually coded for ease of install and
Construct	ion: ABS enclosure	logging identification.
Included:	Wall Mounting	J 2

#### RELATIVE HUMIDITY SENSOR SPECIFICATIONS

Exceptional Accuracy:	±1.5%RH Range 0% to 80%RH		
±2.0%RH Rang	ge 80% to 99%RH (@ 77°F (25°C))		
Range:	0 to 100%RH		
Resolution:	0.1% over the complete range		
Drift:	<0.25%RH per year		

#### TEMPERATURE SENSOR SPECIFICATIONS:

Exceptional Accuracy:	±0.1°F Range 68°F to 140°F		
	(±0.1 °C Range 20°C to 60°C)		
Range:	-40°F to 257°F (-40°C to 125°C)		
Sensor Protection:	PTFE Film protects sensor opening		
	from water & dust		
Drift:	<0.04°F (0.03°C) per year		

### TRAMEX CLOUD STATION



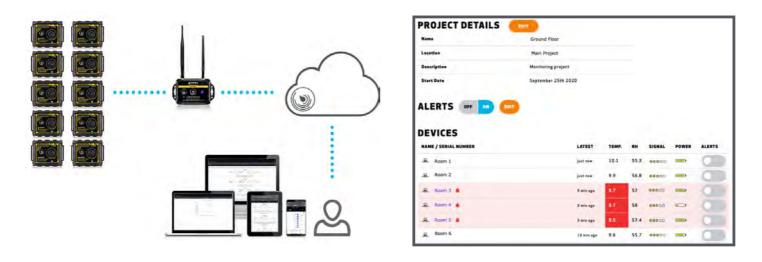
The Cloud Station can be easily registered by scanning the QR code on the back of the instrument and clicking 'register' in your Cloud account.

Size:	5.12" x 4.53" x 1.19" (130mm x 115mm x 30mm)	Frequency:	Region Specific frequency available
Weight:	9.5oz (270g)	Security:	WPA2-PSK encryption,
Power:	Universal AC Power Adapter		no unwarranted telemetry/tracking.
Construct	tion: Wall-mountable Industrial Aluminium		

# SPECIFICATIONS

### **TRAMEX CLOUD**

The Tramex Cloud stores all your project details and logging information securely and allows for remote monitoring.



#### Detailed logging charts



Data is stored free of charge for a period of 2 years, after which, following our data retention policy, you will need to download it.

<b>KIT S</b>	PECIFICATIONS		
Size:	21.1" x 16.1" x 6.3" (510mm x 410mm x 160mm)	Weight:	9.9lbs (4 .5kg)
Power:	10 x CR123A 3-volt batteries (included)		

