TRAMEX REMOTE ENVIRONMENTAL MONITORING SYSTEM

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 (ºC and ºF), 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 storage for two years with the Tramex Remote Environmental Monitoring System.

Product Code: TREMS-10

KIT CONTENTS

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

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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:	Built in CR123A battery with up to 15 year lifespan	Identification:	Items individually coded for ease of install and logging identification.
Construction:	ABS enclosure		
Included:	Wall Mounting		

RELATIVE HUMIDITY SENSOR SPECIFICATIONS

Exceptional Accuracy:	±1.5%RH Range 0% to 80%RH
	±2.0%RH Range 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.
Construction:	Wall-mountable Industrial Aluminium		

SPECIFICATIONS

TRAMEX CLOUD

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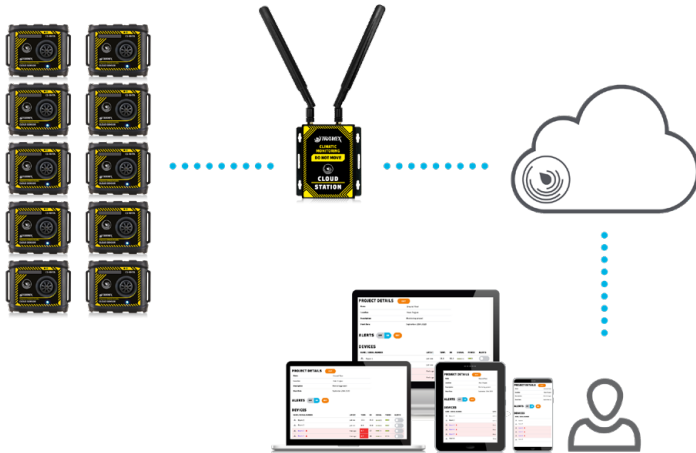
PROJECT DETAILS EDIT

Name	Ground Floor
Location	Main Project
Description	Monitoring project
Start Date	September 25th 2020

ALERTS OFF ON EDIT

DEVICES

NAME / SERIAL NUMBER	LATEST	TEMP.	RH	SIGNAL	POWER	ALERTS
Room 1	just now	10.1	55.3			
Room 2	just now	9.9	56.8			
Room 3	9 min ago	9.7	57			
Room 4	9 min ago	9.7	58			
Room 5	9 min ago	9.5	57.4			
Room 6	10 min ago	9.6	55.7			

Detailed logging charts

Room 1

10 °C   55 %

AMBIENT

DEVICE INFORMATION

NAME	Outside 236	EDIT
SERIAL NUMBER	DLA BG00085	
MONITORING PROJECT	Ground	VIEW

READINGS Ambient RELOAD

CHANGE DATES EXPORT: JPG CSV SHARE

Nov 29th   Nov 30th   Dec 1st   Dec 2nd   Dec 3rd   Dec 4th   Dec 7th   Dec 8th

Dec 2 2021. at 4:10

8.9 °C   51.6 %   -0.6 °C   3.6 g/m³
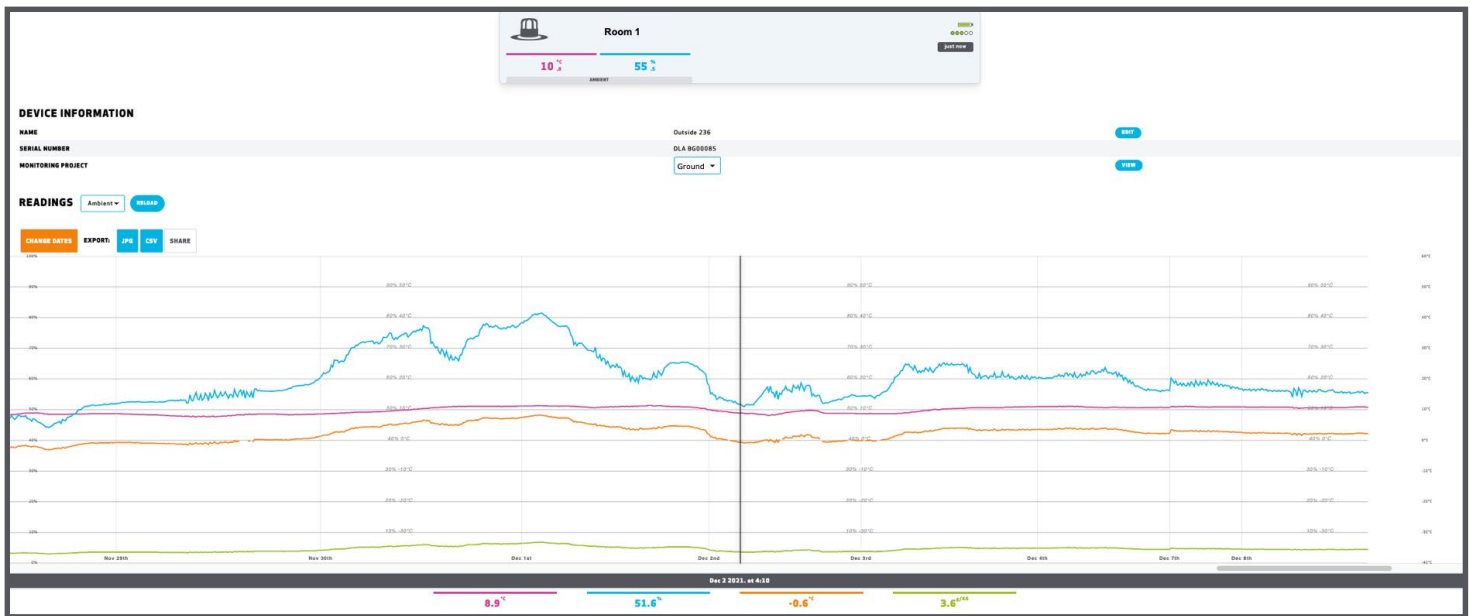
KIT SPECIFICATIONS

| 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) | | |