FEEDBACK REMOTE ENVIRONMENTAL MONITORING SYSTEM

The Tramex Feedback Remote Environmental Monitoring System has been designed and developed by Tramex for professionals who depend on accurate, reliable, real-time building environment readings using state of the art technology to respond quickly to changes in the environment and notify users. The system comprises Tramex Feedback Data Logger Sensors, Tramex Feedback Cloud Links and a Tramex Cloud Router.

The on-site Feedback Sensors transmit relative humidity, temperature, dew point and grains per pound readings wirelessly via the Feedback Cloud Links and Tramex Cloud Routers enabling remote monitoring of multiple on-site Sensors via 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.

Tramex Cloud is a secure hub for your moisture maps and monitoring projects. Used in conjunction with the Tramex Meters App, you can quickly and accurately store data from your moisture meters, loggers and sensors directly. App users on-site can be retrieving information, while data and reports can also be viewed directly from your desk.

TRAMEX METERS APP
FOR iOS & ANDROID DEVICES (PHONE NOT INCLUDED WITH KIT)

Product Code: FREMS

KIT CONTENTS

1. 10 X Feedback Datalogger DL-RHTA.
2. 2 X Feedback Cloud Link
3. 1 x Tramex Cloud Router
4. 1 x Heavy Duty Protective Carry Case
5. App available for Android and iOS (phone not included)

AMBIENT
RH, T, DP, g/kg

ACCOMPANYING APP

SPECIFICATIONS

FEEDBACK DATALOGGER - SPECIFICATIONS & MEASURING RANGE

Size:	100mm x 90mm x35mm (3.94" x 3.54" x 1.38")
Weight:	100g (3.53oz)
Construction:	ABS enclosure
Power:	1 x AA type battery 1.5 Volt
Included:	Wall Mounting

Transmission Range:	Up to 50m (165ft) line-of-sight
Bluetooth:	BLE Bluetooth Low Energy 4.2 compliant
Identification:	Items individually coded for ease of install and logging identification.

RELATIVE HUMIDITY SENSOR SPECIFICATIONS

Range:	0 to 100%RH
Accuracy:	±1.5%RH Range 0% to 80%RH
	±2.0%RH Range 80% to 99%RH (@ 25ºC (77ºF))
Resolution:	0.1% over the complete range
Drift:	<0.25%RH per year

TEMPERATURE SENSOR SPECIFICATIONS:

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

FEEDBACK CLOUD LINK

Size:	165mm x 80mm x 30mm (6.6" x 3.15" x 1.19")
Weight:	250g (8.8oz)
Construction:	Wall-mountable ABS enclosure
Power:	4 AA type 1.5 volt batteries

Sensor Capacity:	up to 25 Feedback Data Logger sensors
Recording rate:	Records every 30 minutes
Storage volume:	In case of Wi-Fi failure, stores 10 days of readings as back up
Transmission Range:	Up to 50m (165ft) line-of sight
Identification:	Items individually coded for ease of install and logging identification.

SPECIFICATIONS

TRAMEX CLOUD ROUTER

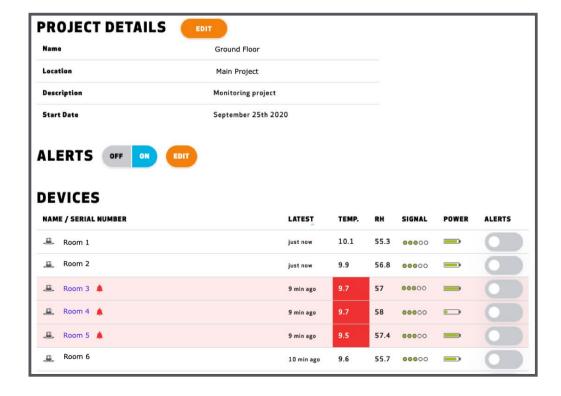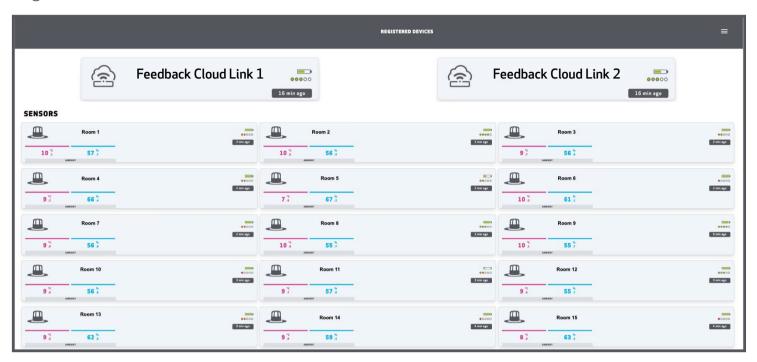|			
Size:	130mm x 115mm x 30mm (5.12" x 4.53" x 1.19")	Router:	Hardware Reliability Watchdog. Based on OpenWrt
Weight:	270g (9.5oz)	Security:	WPA2-PSK encryption, IEEE 802.11b/g/n, hidden
Construction:	Wall-mountable Industrial Aluminium		Tramex SSID, hardened interface/frontend,
Power:	Universal AC Power Adapter		no unwarranted telemetry/tracking.
Identification:	Items individually coded for ease of install	Speed:	Built in 4G Module
	and logging identification.	Network:	Tramex dedicated network.
			Automatic connectivity to FeedBack Cloud Link and Sensors.

Free App Available for Mobile and Tablet: [Download on the App Store] [GET IT ON Google Play]

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	●●●○○	▭	○

SPECIFICATIONS

TRAMEX CLOUD

Registered devices

Detailed logging charts

KIT SPECIFICATIONS

Size:	510mm x 410mm x 160mm (21.1" x 16.1" x 6.3")	Weight:	500g (17.6oz)
Power:	14 x AA type 1.5 volt batteries (included)		

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