

FEEDBACK DATALOGGER RHTX

TEMPERATURE AND RELATIVE HUMIDITY



The Tramex Feedback DataLogger and App have been designed and developed by Tramex for professionals who depend on accurate, reliable readings using the very best, state of the art technology and performing BS 8201, 8203, 5325 and ASTM F2170. The Feedback DataLogger and App log up to 100,000 data point entries for relative humidity, temperature, dew point and grains per pound, transmitted wirelessly via Bluetooth BLE technology to your mobile device. On the App you can visualise Live Readings, Thermal Conditions and Psychrometric Charts, as well as creating and exporting spreadsheets, charts and reports. The Tramex Feedback DataLogger requires the Tramex Feedback Data Logger App and a compatible iOS or Android mobile device.



Product order code: DL-RHTX



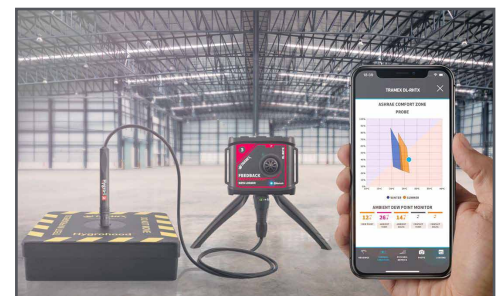
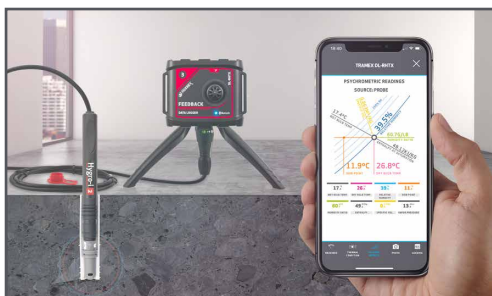
Tramex Meters App
For use with Tramex DL-RHTA
and DL-RHTX Dataloggers.

Available on:



FEATURES

- Bluetooth BLE enabled for use with mobile devices.
- Up to 100,000 data point entries.
- Instant set up and start modes.
- Used to perform BS 8201, 8203, 5325 and ASTM F2170.
- Ambient and In-situ RH and temperature logging.
- Intuitive and instructive App interface.
- Adjustable Interactive chart, spreadsheet, report and easy-export functions.
- Connectivity up to 50 meters (165ft) for highly accessible data downloads.



SPECIFICATIONS

SUPPORTED MEASUREMENTS

- Ambient Relative Humidity, Temperature, Dew point, Grains per pound.
- In Situ Relative Humidity, Temperature, Dew point, Grains per pound (with optional plug-in RH Probe)
- Contact Temperature, Estimated contact RH, Ambient Dew Point, Contact Delta Temperature (with optional contact Temperature Probe).
- Psychrometric chart showing Relative Humidity, Specific Volume, Wet Bulb Temperature, Dry Bulb Temperature, Enthalpy, Humidity Ratio, Dew Point.

FEEDBACK DATALOGGER - SPECIFICATIONS & MEASURING RANGE

Size:	100mm x 90mm x 35mm (3.94" x 3.54" x 1.38")	Memory:	100,000 data point entries (samples of Ambient RH and temperature; Surface Temperature)
Weight:	100g (3.53oz)	Logging Rate:	Logger interval adjustable between 10 minutes and 1 hour
Construction:	ABS enclosure	Transmission Range:	Up to 50m (165ft) line-of-sight
Power:	1 x AA type battery 1.5 Volt	Bluetooth:	BLE Bluetooth Low Energy 4.2 compliant,
Included:	Wall Mounting and Tripod Stand		

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 (@ 25°C (77°F))
Resolution:	0.1% over the complete range
Drift:	<0.25%RH per year

TEMPERATURE SENSOR SPECIFICATIONS:

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

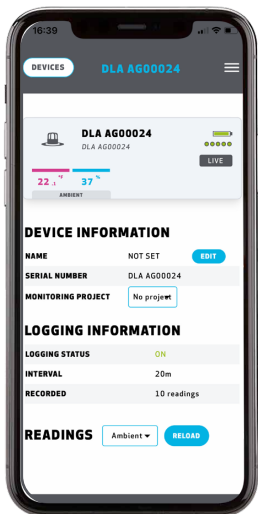
CONTACT TEMPERATURE PROBE (OPTIONAL)

Units:	°C (°F)
Temperature Range:	-30°C to +80°C (-20°F to +175°F)
Accuracy:	±0.5°C from -10°C to +85°C (±0.9°F from 14°F to 185°F)
Resolution:	0.1% over the complete range

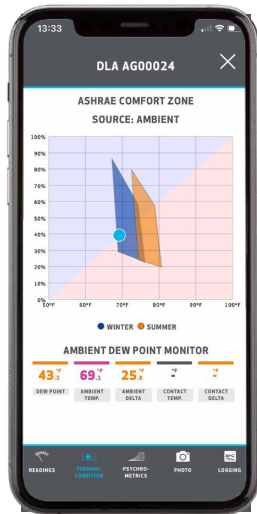
CERTIFICATION

CE: EN 61326-1
FCC: Part 15-J
ROHS Compliant

Live Readings



Thermal Condition



Psychrometric Chart



Available Devices

