Multi-sensor data collection (with I2C)

Technical data

The Tx system makes the collection of sensor data both easy and cost effective to do.

The basic Tx box is already set up to connect to a PT100 temperature sensor, two flow sensors or water meters and two switches.

All setting-up instructions are given to Tx using SMS messages. Responses are sent to the user by SMS to confirm that instructions have been received by the Tx box and acted upon.

Using the 2G mobile network, Tx uses a customer supplied SIM card. Data is transferred directly to the user's mobile phone or computer. As no other parties are involved, there are no ongoing service charges.

There is an antenna built into the Tx box which will be sufficient for good to reasonable signal areas. An extension antenna is available and can be used in poor signal areas.

The Tx box can connect directly to a Select doser and share water data with the doser. No extra flow sensor is required.
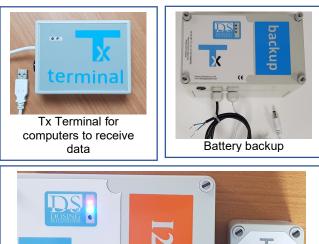

Tx-I2C

With the I2C version, 7 extra sensors can be connected of any sensor type. This allows for sensors like pH, ORP and extra flow and temperature sensors to be routed through Tx.

Installation has been made as simple as possible. Self-installation by the end user is recommended.

Power	12V DC
Connections	TX-1 Directly to Select Doser TX-2 Use 12V 5A power supply
Tx capability	1 x temperature 2 x flow 2 x switch
I2C capability	As Tx but with 7 extra connections for any sensor.
Antenna	Internal antenna fitted External antenna available
GSM	2G network
Backup battery	Available separately

Tx Terminal for computers to receive data

Battery backup

Temperature monitor. Also for pH, ORP & flow

Full Instructions for Use are available on www.dosingsolutions.com under Products/Tx.