iBOX - All In One Solution Custom Enclosure

WATER METERING | HYDROLOGY | GROUNDWATER | FLOOD | WATER QUALITY | CLIMATIC

iBOX - Ready to be installed

The iBox has been designed to take the hassle out of deploying your iRIS 150FX and iCE³ FX. With simplicity in mind, it contains both mains and solar power options for charging the 12 volt battery and an in-built fuse to protect against any surges. Everything is mounted on 2 sides of a single gear plate making access and wiring simple.

Features

- iRIS 150FXC datalogger
- iCE³ FX IP capable modem
- 12V 7AHh SLA Battery
- Mains charger (240V AC to 13.8V DC)
- Solar regulator
- Removable 1A cartridge fuse

Farm Monitoring Solution

- Water Meter Monitoring
- Soil Moisture Monitoring
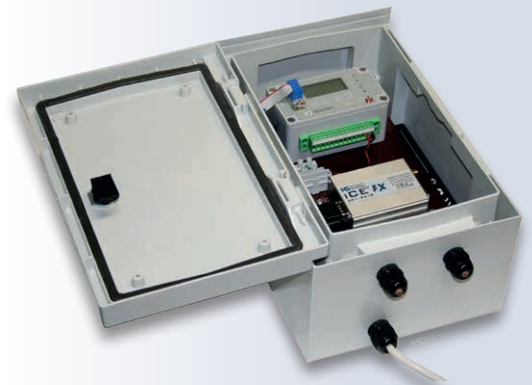- Effluent Dispersal

GENERAL DESCRIPTION
iRIS 150FXC

The iRIS 150FX is a small, compact datalogger featuring an LCD display and keypad. It can be connected to a wide variety of sensors, and features two analogue (0-5V, 0-20mA) inputs, two digital inputs, SDI-12 serial instrument support and a single digital output for alarm or control purposes. It has an external 14 way terminal block fitted to the base of the enclosure. It has an AA-size backup only lithium battery. (See separate specification sheet for more details.)

iCE³ FX

The iCE³ FX has been designed and constructed as a compact, intelligent unit to provide IP connectivity to a wide range of equipment fitted with an RS232 port. It can manage on-demand or scheduled connections on both public/dynamic or private/static IP networks. (See separate specification sheet for more details.)

Power Supply

Power to the battery is provided either through a 240V to 13.8V mains charger with AC terminal block for wiring or through a 12V solar regulator (solar panel not included).

Basic Specification

- **Size:** 320mm x 215mm x 175mm (12.6in x 8.46in x 6.89in) (LxWxH) excluding glands.
- **Mass:** 6.75kg
- **Environmental: Enclosure:** IP66

Contact Us

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