

The Hub of your farm

The Hub is the central controller for the various Farmtrenz electronic monitoring devices on a farm.

Main features:

- Failsafe effluent irrigation controller.
- Controls pods (KIM) & travelling (TIM, PIM) irrigators.
- Start/stop Irrigate, Agitate, Transfer, Greenwash pumps.
- Adjustable irrigation periods and hi/lo limits.
- Auto-pulse between 2+ pod lines. [Actuators required]
- LCD display for device status and alert messages.
- Connects to computer to log data for compliance.
- Receive data from weather station & other devices.
- Battery trickle charger for field units.

Optional devices:

- *Text Unit* – send text alerts to your cellphone.
- *GUI software* – view graphs on device performance on computer.
- *GPS Kit* – relay data from TIM/KIM/PIM to digital application map.
- *House Receiver* – cowshed to house computer connection.



The Hub, as its name implies, is the main receiving station and acts as a master controller able to turn on and off all connected devices, such as KIM (K-line irrigator monitor), TIM (travelling irrigator monitor) and various pumps.

However, the Hub provides **more than just fail-safe monitoring of your effluent system**. It can also process data from:

- ▶ Water bores and tanks
- ▶ Weather Stations
- ▶ Soil moisture meters
- ▶ Fence monitors
- ▶ Pond monitors
- ▶ Silo monitors
- ▶ Vat monitors

All monitoring information is relayed by radio signals from the devices in the field to the Hub in the cowshed office, where it is processed and displayed on a 4-line LCD panel.

From here data can be passed via USB lead to a computer loaded with our GUI software to show real-time and historical graphical information for each device on the farm. The data can also be logged and stored for council compliance purposes, eg. water take.

Information can also be viewed over the internet via a remote access program, such as TeamViewer.

The Hub is a powerful diagnostic tool giving you unprecedented insight into how your farm devices are performing. It will even tell you if there's a fault with your effluent system.

The Hub is part of a suite of electronic devices custom designed and made in NZ to help farmers work more efficiently.

Hub – your electronic minder on the farm.

FarmtrenzTM
FARM MONITORING SYSTEMS

Watching – when you're not.

Farmtrenz is a division of

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Manufacturers of Electronic Controls since 1985

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