



DA/95400



DA/95402



DA/95404



DA/95406



DA/95408

Dataloggers

Data Logging Solutions & Monitoring Systems

The Comark Diligence range of small, low powered, battery-operated Data Loggers are ideal for applications where monitoring is taking place remotely, but where crucially, the monitoring history is of key importance. Using Wi-Fi connectability, readings can be taken and using your existing Wi-Fi network, the live data can be fed back to a PC or to the Comark Cloud – which can then be viewed 24/7 from any Internet enabled device.

Offering you unlimited storage of the Temperature and Humidity data (model RF313-TH only) from your Diligence Wi-Fi Data Loggers, across multiple locations, the Comark Cloud is supplied free for one year. The Diligence Plug and Play Wi-Fi System will also provide you with real-time audio and visual alerts via a local alarm module for immediate on-site action, as well as E-Mail and SMS alerts* for off-site notifications and action giving you peace of mind and allowing you to intervene at the earliest possible moment.

Supplied with a Micro USB lead and USB port for recharging (can only be recharged when the unit is between 0 to +40°C).

*Via an email to SMS service such as Textmagic.com

Common features on all models:

- Rechargeable internal lithium polymer battery
- Easy data logger set-up using free PC software application
- Temperature selection in °C or °F
- Data can be viewed via the graphing tool or can be exported to MS Excel
- Configurable high and low alarms with indicator
- Wireless connectivity to PC via Wi-Fi
- Max and Min readings
- IEEE 802.11b/g/n compliant
- Protection rating IP55
- Memory stores all data even if Wi-Fi is temporarily disconnected
- Fully featured LCD segment display
- Low battery indicator
- Wi-Fi connection indicator
- Cloud Licence valid 1 year

Model RF311-T for measuring environmental temperatures, temperature Range: -20 to +60°C. With built in temperature data logger with Wi-Fi capability and integrated display, capable of logging greater than 1 million data entries, supplied with wall bracket.

Model RF312-TP for measuring temperature with thermistor probes. Temperature Range: -40 to +125°C, supplied with removable thermistor probe, the unit is capable of logging greater than 1 million data entries.

Model RF313-TH for measuring environmental temperature and humidity, temperature Range: -20°C to +60°C, Humidity measurement range from 0 to 100% with built in temperature data logger with Wi-Fi capability and integrated display. Capable of logging greater than 500,000 data set entries, supplied with wall bracket.

Model RF314-TC for measuring temperature with thermocouple probes. With built in temperature data logger with Wi-Fi capability and integrated display, capable of logging greater than 1 million data entries. Measurement range -270°C to 1300°C (probe dependent) supplied with a K type thermocouple probe but will support J, K, N and T types as well.

Model RF324 standalone alarm for use with Diligence Wi-Fi Data Loggers, it can monitor all the loggers in the Diligence Wi-Fi range. The unit will pick up alarm messages from any Diligence Wi-Fi sensor within Wi-Fi range. It displays Red LED lights (through a Red translucent rear moulding) and sounds when a sensor alarm has been triggered, typically 100dBA at 1 meter (there are nine standard sounds to choose from). Alarm messages are streamed wirelessly over any Wi-Fi network and can be viewed on a PC using the free Diligence Wi-Fi Pro Software package supplied. The RF324 Alarm has been designed to be continuously powered via the mains however it does contain a rechargeable lithium polymer battery for limited power during the event of a mains failure.

Please note that these units do not have to be connected via Wi-Fi. They can be operated off line using the free easy set up software supplied with the unit connected to a PC locally. When connecting this way, many of the Wi-Fi features and benefits will not be available, for example SMS messaging. We also recommend that the unit is coupled with a RF324 audible and visual local alarm.

Cat. No.	Code	Description
DA/95400	RF311-T	Datalogger RF311-T for measuring environmental temperatures
DA/95402	RF312-TP	Datalogger RF312-TP for measuring temperature using thermistor probes
DA/95404	RF313-TH	Datalogger RF313-TH for measuring temperature and humidity
DA/95406	RF314-TC	Datalogger RF314-TC for measuring temperature using thermocouple probes
DA/95408	RF324	Alarm, local providing audible and visual alert, for use with data loggers
DA/95410	CLOUD 12	Licence, Cloud valid for 12 months for one unit after first free year