Diligence WiFi))

RF324 Audible and Visual Alarm

COMARK
A Fluke Company

New!

The **Diligence™ WiFi** RF324 Alarm is a standalone monitoring system for all the data loggers in the **Diligence WiFi** range. The RF324 Alarm will pick up alarm messages from any **Diligence WiFi** data logger within WiFi range. It displays Red LED lights (through a red translucent rear moulding) and sounds when an alarm has been triggered (there are nine standard sounds to choose from). Alarm messages are streamed wirelessly over any WiFi network and can be viewed on a PC using free software package.

The RF324 Alarm has been designed to be continously powered via the mains however it does contain a rechargeable lithium polymer battery for device positioning and limited power during the event of a mains failure.

The software installed on the PC will allow set-up, data logger association and alarm data review. This software is available to download for free from www.comarkusa.com.

The RF324 Alarm can be attached to a wall or vertical surface using bracket and screws or sticky pad provided.

Features

- Only works with the Diligence WiFi range of data loggers
- Detects alarm triggers from all Diligence WiFi data loggers
- Audible alarm with built-in speaker (SPL 100dBA @1m)
- Flashing red LED's light up through translucent red rear moulding
- Works at all times including when the PC is turned off
- Easy set-up using the free PC software application (downloadable www.comarkusa.com)
- Operating temperature range -4 to +140°F (-20 to +60°C)
- Configurable alarm tones and volume
- Auto mute
- Signal strength indicator
- 802.11b compliant
- IP rating IP55
- Rechargeable internal lithium polymer battery for device positioning and limited power during mains failure
- Supplied with wall bracket, micro USB lead and RF320/US power supply

Comark Instruments' Cloud service makes your data universally accessible from any internet enabled device.

Manage your devices and make changes to any data logger settings remotely, including changing alarm levels.

With the Cloud service you can:

- Store data on-line
- Monitor multiple sites
- View on mobile devices
- Have multiple users
- Receive email alerts when alarms occur or if a device needs attention

Contact Comark Instruments for more details

Technical Specification

RF324 Audible and Visual Alarm

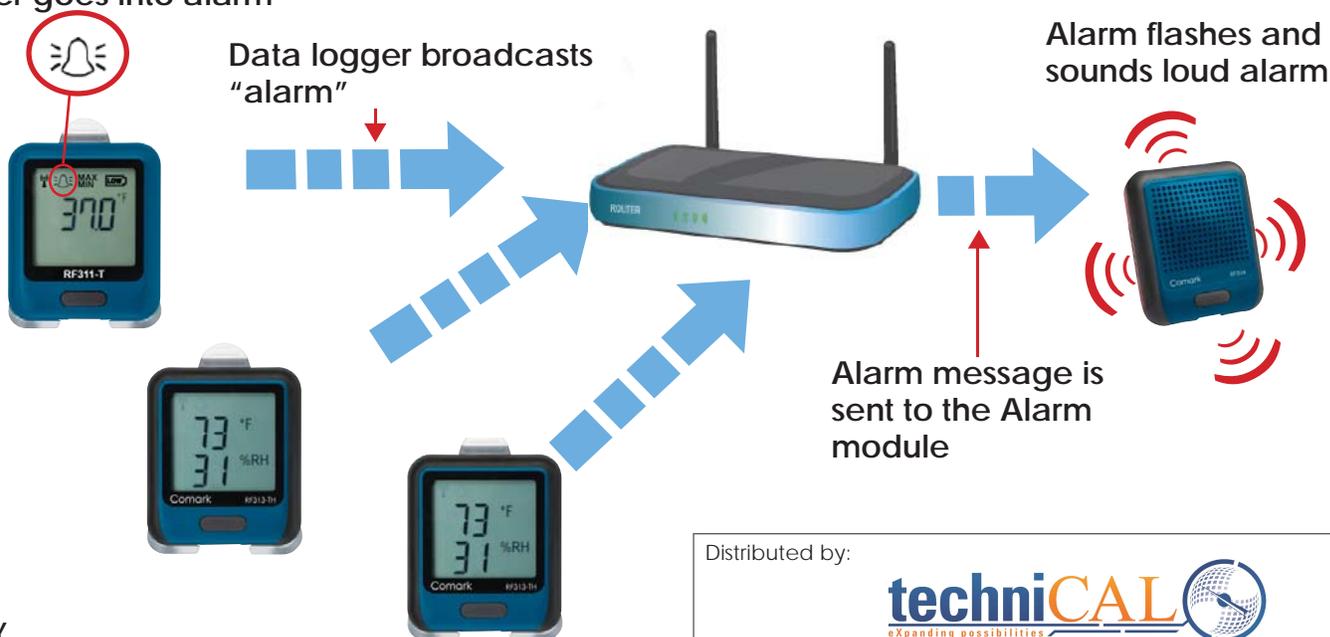| Specifications	Minimum	Typical	Maximum	Unit
Back-up battery life			2	Days
USB supply voltage	4.5V	5V	5.5V	V d.c.
Sound output		100		dBA @ 1m
Operating temperature range	-4°F (-20°C)		+140°F (+60°C)	°F (°C)

* Typical but will be less if frequent transmissions

Order Part Number: RF324-ALERT/US
Oracle Part Number: 4413980

Alarm Dimensions	Inches	mm
Height	4	97.3
Width	3	71.3
Depth	1 3/8	30.5

RF324 Alarm System Diagram

! Data logger goes into alarm

Data logger broadcasts "alarm"

Alarm flashes and sounds loud alarm

Alarm message is sent to the Alarm module

WARRANTY

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control. The Comark warranty covers manufacturing defects and component failures on all products returned to Comark premises and applies worldwide. The warranty does not affect your statutory rights. In line with our policy of continuous development we reserve the right to alter any product specifications without notice. All products are covered by our Quality Management System which is compliant with BS EN ISO 9001:2008 for the design manufacture, supply, service, repair and recalibration of electronic measuring instruments and equipment.

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