

TEMPERATURE LOGGERS

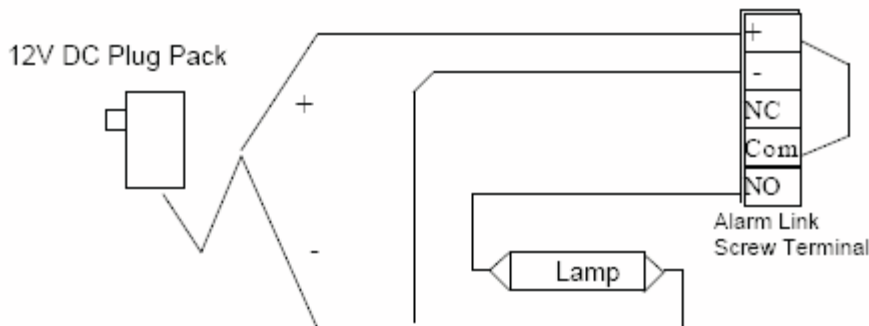
Special External Alarm Accessory Model DW-ALK

The DataWatch™ DW-ALK is a modification of the interface cradle to allow it to perform as a “black box” that triggers an external alarm.

This can be a buzzer, blinking light or any other switched function that broadcasts an alarm condition generated at the location of monitoring with any DataWatch™ unit that has been pre-programmed with an alarm setting.



The DataWatch™ unit is placed in the cradle, and the external alarm function is wired to the terminal connectors. Usually, the alarm link power supply is also used to power the external alarm light or buzzer, but the system can also be configured to operate devices that operate on AC power with a solenoid or solid state relay.



Specifications

Size
80mm x 35mm

Weight
1.8 oz (50g)

Normal Operating Temperature
-40°F to +185°F (-40°C to +85°C)

Power Requirements
9-24 Volts DC 100mA (wall plug accessory)
Normally uses 12 VDC wall adapter

DataWatch Unit Compatibility
LCD or other alarm indicator on unit

Terminal Strip Wire Coding

Connection	Wire Color
V+	Red
Ground	Black
NC	Yellow
COM	White
NO	Blue

NO=Normally Open | NC=Normally Closed
COM=Common Negative or Ground Terminal
V+=Positive Voltage Lead from DC Power Supply

Enclosure
IP 51

Warranty
1 Year

Normal wiring diagram for operation of DC external alarm light. For operation of AC device, substitute solenoid or other relay in place of the lamp, and use that switching function to control the AC device. Direct switching of AC devices is limited to 30W or less.