

ARB Module

Alarm, RFID and Bluetooth

The ARB module is an optional piece of hardware that works in conjunction with the Hanwell Pro and Hanwell IceSpy radio system. The unit provides users with additional functionality such as visual and audio alarms, RFID for data backfill and Bluetooth interface for handhelds.

Features

- ✓ OLED display and keypad for instant visual alarm notifications and acknowledgement
- ✓ RFID connectivity for fast data backfill
- ✓ Bluetooth connectivity for use with Hanwell handheld thermometers
- ✓ Optional wifi communication
- ✓ On-board relays configured for common alarm and power failure
- ✓ Vast range of units and sensors provide users with multiple temperature related applications
- ✓ ARB module incorporates a wall mountable bracket
- ✓ Complies with RoHS to 2011/65/EU (RoHS2) directive
- ✓ Complies with FCC regulation
- ✓ Carries CE Marking



Alarm



Bluetooth



RFID



Product code: IN-NA002

Instrumentation specification

Dimensions	195 x 148 x 45mm (7.7 x 5.8 x 1.8 in.)
Weight	450 grams (15.9 oz)
Power supply	12VDC via external universal power supply. Power supply included
Case material	ABS
Memory	Can display up to 50 unacknowledged alarms (at any one time)
IP Rating	IP53
Operating temperature range	32°F to +104°F
Storage temperature	-5°F to +120°F (0-100% RH non-condensing)
Outputs	Relay 1 Common Alarm (NO or NC) Relay 2 Power Failure (Held closed when powered)

Visual indicators

Display	128 x 64 pixels OLED display
LED Indication	Red (Alarm) Yellow (Comms) Green (Power)
Communication	TCP/IP via RJ45 connector Wi-Fi option available

Audio indicators

Sound	Buzzer
-------	--------

Inputs

Keypad	5 x Membrane touch keys
Sensor Backup	RFID (Radio Frequency Identification) interface

Schematic:

