Hanwell | Ellab

ARB Module
Alarm, RFID and Bluetooth

Alarm

Bluetooth

RFID

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

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	0°C to +40°C
Storage temperature	-20°C to +50°C (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

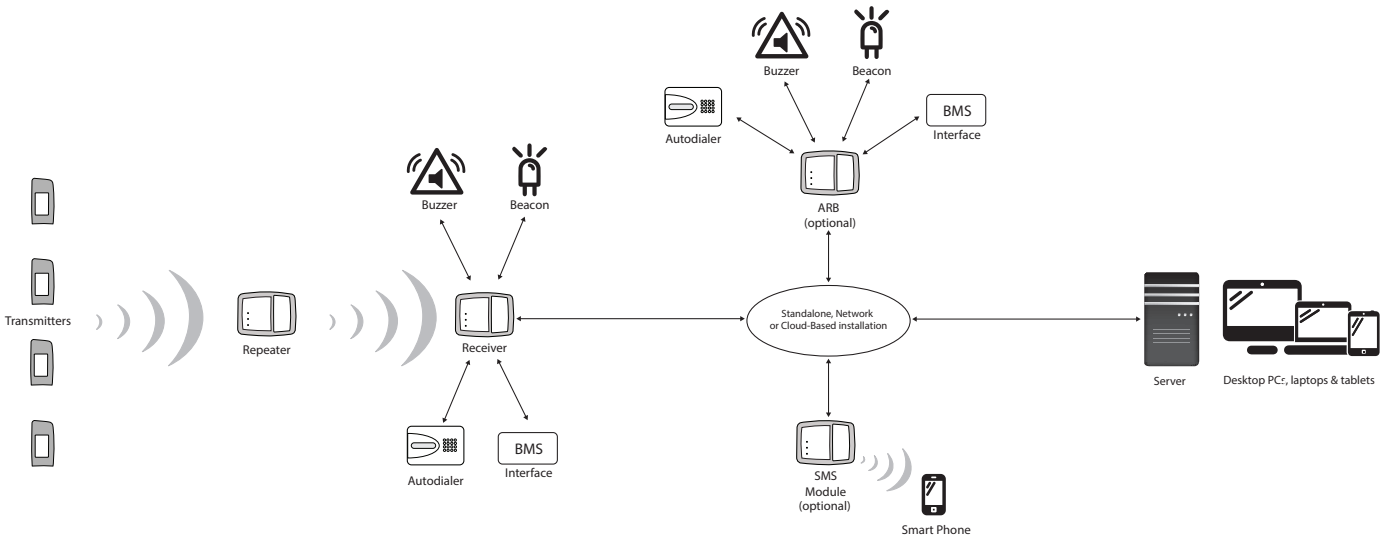| Inputs	
Keypad	5 x Membrane touch keys
Sensor Backup	RFID (Radio Frequency Identification) interface

Manufactured by Hanwell | Ellab CE ⌧ **RoHS**

hanwell.com

ISI *sa-nv Instrumentation for Science and Industry*
Rue du Doyenné 3 Dekenijstraat 1180 Brussels – Belgium - Tel 02/ 343 30 81

(INTERCONTINENTAL SERVICES INC)
mail : sales@isi-be.eu web : www.isi-be.eu

Schematic:

Transmitters

Repeater

Receiver

Buzzer

Beacon

Autodialer

BMS Interface

Standalone, Network or Cloud-Based installation

ARB (optional)

Buzzer

Beacon

Autodialer

BMS Interface

SMS Module (optional)

Smart Phone

Server

Desktop PCs, laptops & tablets

hanwell.com

ISI *sa-nv Instrumentation for Science and Industry*
Rue du Doyenné 3 Dekenijstraat 1180 Brussels – Belgium - Tel 02/ 343 30 81

(INTERCONTINENTAL SERVICES INC)
mail : sales@isi-be.eu web : www.isi-be.eu