SMS MODULE

The SMS module is an optional add-on to the Notion Pro and Synergy radio system to provide out of condition and /or system alarms generated from the wireless monitoring system via SMS text messages. Alarm groups are set within the software allowing specific types of alarms from specific sensors to be directed to individuals or groups. This can be further refined by specifying days, and times within those days, that alarms should be sent to the members of any particular alarm group.

The SMS module uses our own proven protocols. The GSM module has an on-board micro controller acting as watchdog for the system, should any problem with network connectivity be detected the unit will be automatically re-set and re-connected to the network.

The on-board LEDs indicate power on (green), SMS message sent (yellow) and SMS message failed (red) a local display also indicates functions such a GSM signal strength.

A SIM card is required.

Features:
- Wall mounted bracket supplied
- On-board GSM module, 2G and 3G
- OLED display for signal strength and alarm message status
- On-board relays configured for communications and power failure
- Battery backup for 24 hours
- Easily accessible battery for replacement by the user, when required
- Up to 5 years battery life
- Complies with BS EN 12830
- Complies with RoHS, EU directives and WEEE
- Carries CE Marking

Benefits:
- Discrete easily mountable unit
- Provides real time SMS text alerts
- Provides early warning via text message of out of condition events safe guarding stock
- On-board battery backup to enable SMS sending during power failures
- In the event of communications failure to network or power failure, the unit will send emergency failure messages independently.
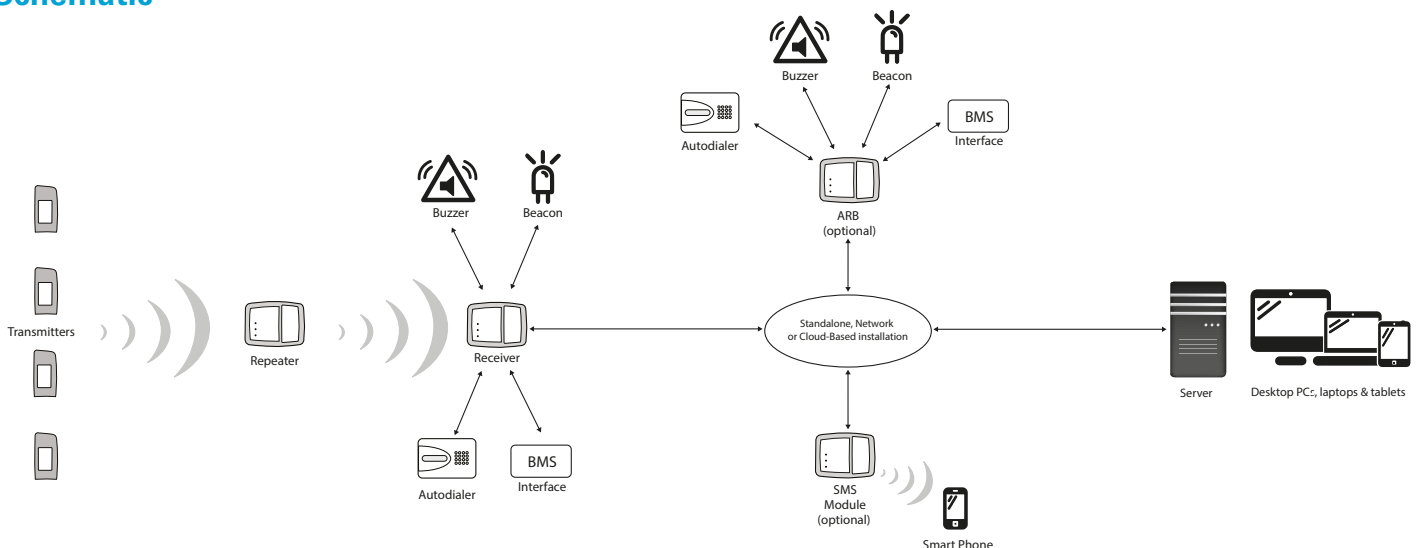
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TECHNICAL SPECIFICATIONS

Product Code: IN-TA001

Dimensions:	195 x 148 x 45mm
Weight:	450g
Case materials:	ABS
IP rating:	IP53
Operating Temp:	0°C to +40°C
Storage Temp:	-20°C to +50°C
Power Supply:	12V regulated power supply
Battery Back Up:	24 hours
Battery Type:	7 x 1.5V NiMH Pack
Communications:	TCP/IP Via RJ45 connector

Cellular Network Interface

Module Type:	Telit HE910
Bands:	Quad
Aerial Connection:	SMA socket
Aerial Type:	Stubby straight/right angle and remote mount on 2mtrs cable
User Interface:	128 x 64 pixel OLED display
Test Message:	Push button
LED Indication:	Red (SMS fail)
	Yellow (SMS Good)
	Green (Power)

Schematic