

Wireless Universal Transceiver Module

Features

- Wireless Universal Transceiver Module (NUUTX)
- wireless interface point for alarm contacts and all sorts of contact operated sensors and detectors
- Battery powered with automatic low battery warning
- Two independent inputs supporting:
 - Normally open contacts (with line monitoring)
 - Normally closed contacts
 - Flashing contacts from 1 Hz
 - A DC voltage from 10 VDC to 30 VDC
- Window / door open state detection using an onboard bi-polar magnetic sensor
- Wireless transceiver, with heartbeat
- 869 MHz (EU) or 916 - 921 MHz (US) band
- Including wall mounting bracket



Description

The universal transceiver module (NUUTX) is a wall mounted teleCARE IP wireless peripheral containing an 869 MHz (EU) or 916 - 921 MHz (US) RF transceiver which can be mounted on walls, door or window posts.

The NUUTX has two independent inputs that can be used to interface external alerts coming from a wide variety of detectors. It features a bi-polar magnetic sensor which in combination with a magnet can be used to detect the open or closed state of doors and windows.

The NUUTX comes in a white plastic body with a mounting bracket and installation kit for surface mounting and is suitable for use in elderly care homes, nursing homes and hospitals.

The NUUTX requires 2 x 1.5V / AA disposable batteries (not included). An automatic low battery warning is transmitted if the battery voltage falls below 2.4V.

Each NUUTX has a unique identity (ID) and this ID is transmitted with every event.




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Technical Specifications

Markets:		EU	US	UK	ANZ
Housing Color	White (NCS S 0603-G80Y)	•	•	•	•
Housing material:	PC/ABS, Flammability class: HB				
Dimensions (W x H x D)	37 x 92 x 34 mm / 1.46 x 3.62 x 1.34 inch				
Installed dimensions with bracket (W x H x D)	37 x 98 x 38 mm / 1.46 x 3.86 x 1.50 inch				
ISP connector:	Programming connector for future firmware updates				
Input Connectors:	2 x 2-pole connector for the connection of external contacts				
Battery power source:	2 x 1.5V / AA alkaline batteries (not included)				
Battery life:	5 years approximately (at 10 alarms per day)				
Minimum current:	< 100 µA idle condition				
Maximum current:	50 mA during wireless activity				
Transmitter frequency:	869 MHz	•		•	
	916 - 921 MHz		•		•
RF Range:					
869 MHz (EU)	30 meters / 100 feet	•		•	
916 - 921 MHz (US)	30 meters / 100 feet		•		•

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Markets:		EU	US	UK	ANZ
Environment:	Operating temperature: 0°C to 40°C / 32°F to 104°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 30 to 85% (non condensing) Enclosure protection rating: IP40	•		•	•
Environment: (UL 2560 installations)	Operating temperature: 10°C to 49°C / 50°F to 120°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 0 to 95%, non condensing at 40°C / 104°F Enclosure protection rating: IP40		•		
Regulatory Compliance EU/EFTA	 VDE 0834 RoHS 2011/65/EU and Radio Equipment Directive 2014/53/EU Complies with the relevant dates and amendments of the following EN standards (the valid references to dates and amendments are stated in the Declaration of Conformity): EN 301 489-1 EN 301 489-3 EN 300 220 EN 300 330 EN 60950-1	•			
Regulatory Compliance US/CAN	 ANSI/UL 2560 CAN/CSA C22.2 No. 205 FCC part 15C RSS 210		•		
Regulatory Compliance Australia / New Zealand	 AS 3811				•
Accessories:	Magnet ?	•	•	•	•