UC240

UltraSync Communicator with IP and 4G/2G dual path suitable for both fire and intrusion panels

Overview

UC240 UltraSync Communicator is a dual path alarm signalling unit for transmitting alarm signals from a customer's alarm panel to a Central Monitoring Stations (CMS). The monitoring path is based on IP and SIM 4G/2G mobile technology. The unit is designed for use in both security and fire systems.

- Dual-path monitoring for low, medium and high risk sites, covering intruder applications, fire and more.
- These monitored alarm signalling devices are small enough to fit inside most alarm panels. They use two signalling paths – if the primary path is down, the secondary path kicks in. And if that happens, the secondary path will use the primary path reporting and polling times.
- The primary path uses IP technology to send alarm signals over the customer's network or broadband hub.
- The secondary path uses 4G or 2G mobile connectivity – with dual SIMs for extra resilience.
- EN50131 Grade 3 and EN50136 certified for intrusion systems.
- EN54-21 certified for fire alarm systems.

Alarm panel interfaces

- 16 general purpose alarm inputs (Logic High = +2V to +30V/Logic Low = <1.3V)
- 3 relay outputs
- Unconnected state: Logic Low
- Standard screw terminals
- Programmable function output-for remote control of site devices
- Line fault output-for status indication at site of alarm signalling path
- Dial Capture with phone line simulation
- Onboard RS232 or RS485 for direct panel interface to some panels

Dial Capture features

- Converts dialler alarm systems into high security signalling devices
- Alarm panel interface supports: Ademco Contact ID, Ademco Hi Speed, Ademco 4+1, Ademco 4+2, SIA 1/2/3

Configuration

- Simple single push button pin learn
- iOS and Android installer app
- Using on board menu driven by push buttons

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Technical specifications

General

Product line	UltraSync

Network

Communicator type	2G, 4G, Mobilfunk, IP
GSM frequency	LTE: Penta-Band 700 (Bd28) / 800 (Bd20) / 900 (Bd8) / 1800 (Bd3) / 2100 MHz (Bd1) + GPRS Dual band (900/1800 MHz)

Reporting

Reporting protocols	Kontakt-ID, SIA
Supported receivers	UltraSync

Interfaces

Ethernet	RJ-45 1000 Mbps Ethernet Interface
Antenna	Ja, integriert

Input/Output

Inputs	16 general purpose alarm inputs
Outputs	3 relay outputs

Electrical

Operating voltage	9.5 to 30 VDC
Current consumption	85mA @12 VDC

Physical

Physical dimensions	95 x 67 x 17 mm
Colour	Schwarz

Environmental

Operating temperature	-10°C to +55°C
Relative humidity	5 to 75%
Environment	EN50130-5 ; Klasse II - Indoor (allgemein)

Regulatory

Certification	EN50131 Grad 3, EN50136, EN54-21

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