

PRX1024

Wired/wireless intrusion detection control unit with 1024 inputs



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2 ULTRABUS/TERABUS RS485 independent serial lines

Compatible with NG-TRX two-way wireless devices through GATEWAY2K

Optional PSTN, GSM/GPRS and LTE modules

1 x RJ45 LAN integrated connector

D-Pulse Advanced technology support

Certified IMQ EN50131 grade 4/3/2

Model	PRX1024
Product code	CCPRX0001000
Platform standard	SOM with Real-Time operating system
Number of standard inputs	16 inputs (12 of which are fast for inertial loads and rolling shutters), with choice of settings for single/double/triple/quadruple-EOL configurations expandable up to 1024 On-board inputs can be extended up to 32 with split/extended split function Removable terminals
Number of standard outputs	16 electronic outputs, expandable up to 1024, programmable at will on ETRREL modules
Sensor power supply outputs	2 independent outputs, 2A each
Relay outputs	2 x 3A programmable C/NO/NC relay outputs
Siren interface	1 interface for self-powered siren
RS485 serial lines	2 independent RS485 ULTRABUS/TERABUS lines for concentrators, control devices, and compatible devices
RS232 serial lines	1 RS232 serial line via optional MDRS232 module
NG-TRX device management	Yes, via optional GATEWAY2K
CEI 79-5 79-6 centralization	2 CEI/ABI connections at the same time with independent configurations on LAN network, with FEAL-NX 64bit and 128bit encryption. GSM/GPRS or PSTN backup connection
Multi-area control	16 areas with 4 sectors per area up to 4 areas with 16 sectors per area
Supervision protocols	EL.MO. encrypted, CEI/ABI encrypted, Fast Format, ContactID, SIA DC09 encrypted
D-Pulse Advanced technology	Support for up to 64 compatible video AI devices
User code	1024 user codes
Keypad management	Max. 32 control devices, including KARMA and AURA advanced keypads
Output logics	2 output logic control modes: standard or advanced mode (with visual editor on BrowserOne)
Programmer	Annual, 32 programs, 16 permanent exceptions, 16 volatile exceptions, 8 holiday periods
Event log	5,000 events logged
FW update	Via USB / Ethernet using BrowserOne, via e-Connect
Diagnostics	Electrical operating parameters available in teleservice mode on BrowserOne, including current delivered to peripherals
Slots for communication modules	MDGSME or MD4GE for connection via GSM/GPRS or LTE respectively; for connection with e-Connect platform; and for voice and digital transmission with ContactID, Fast Format and SIA IP Reporting (TCP-2007) protocols MDPSTN for analogue phone line
Compatible functional modules	MDVOICE64 for extension up to 64 voice messages, for a total of 8 minutes MDRS232 for connection with ETRREIB for interfacing with Konnex systems
LAN interface	1 built-in RJ-45 connector for connections with Ethernet-TCP/IP networks
Teleservice	Via ethernet, via optional PSTN modem MDPSTN, via optional GSM/LTE modem MDGSME/MD4GE or e-Connect
Wireless sensor management	Via RIVERRF/RIVERRFPLUS and GATEWAY2K
Entrance control functionality	Entrance control with software and hardware applications with door lock release by means of proximity card reading
Access control functions	Native management of access control systems through optional PASSGATE modules or systems based on ICON100AVR (the overall limit is 16 connected devices)
Battery housing	Max 40 Ah / 12 Vcc
Dimensions and weight	W 430 x H 354 x D 212 mm, 6,3 kg
Standard board current demand	Max. 70 mA (with RJ45 OFF)
Power supply unit	5 A
Power supply	230Vac, 50Hz
Standards	Certification IMQ-Sistemi di Sicurezza and INCERT EN50131-3, EN50131-6, EN50136-2, EN50131-10, T031, grade 4/3/2, environmental class II, SP5-DP4