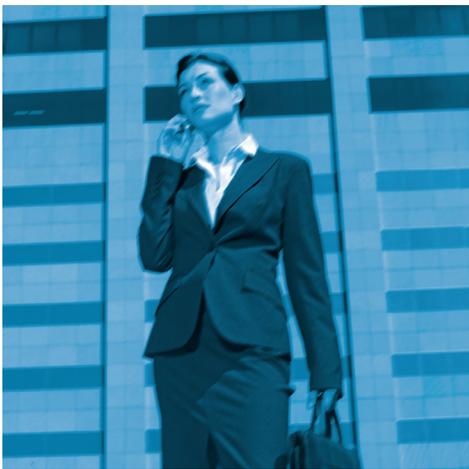


SuperMAX+

The new access control module based on the versatile and proven architecture of the TRAX family of terminals for AutoID based applications.



SuperMAX+ is a configurable and programmable controller which can directly interface two card-readers of a vast variety of ID technologies and manage gates by means of 2 relays and 4 inputs for on-off sensors. Furthermore, it supports up to two fingerprint readers connected to its RS485 port. Alternatively, the SuperMAX+ can be used to master up to 31 slave 914-MAX door openers, each one with its own reader and relay.

OVERVIEW

SuperMAX+ can work in:

- online mode with a host computer connected on an Ethernet-TCP/IP network. Receiving and validating, in real-time, each access request, and operating relays and checking inputs status to properly manage gates;
- in addition, SuperMAX+ can work in offline mode, validating and managing the access rights according to data tables in local files which organize users by groups, and assign a number of time zones when access can be granted.

MAIN FEATURES

- SuperMAX+ features a built-in backup battery that can supply power for up to 4 hours, depending on the kind of card reader connected, and the number of access transactions.
- Ethernet/IP connection. Fixed IP address or DHCP.
- Optional Modem. This allows to implement remote, autonomous control sites, where data updates or downloads are performed periodically by calls from the host computer or, (less frequently) by calls generated by the SuperMAX+.
- SuperMAX+ is available either as DIN-rail wall mountable module in a plastic enclosure, suitable for embedding in electrical control panels, or as an electronics board with connectors along two edges and its backup battery mounted on top.
- Built-in configurable rules. Alternative or additional control rules can be implemented by loading concise text files written in the TRAX specific scripting language (PROCs).
- It can be also integrated within Zucchetti Axess XAtlas Access Control and Integrated Security Solutions.

AXESS TMC

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SuperMAX+

TECHNICAL SPECIFICATIONS

READERS CONNECTORS	ClockData interfaces, plus control of 2 LEDs for each reader.
COMMUNICATION CONNECTORS	Ethernet: RJ45 connector 10BaseT - UDP/IP. PoE (Power Over Ethernet) type A&B 802.3af compatibility. RS232: optoisolated 1200, 2400, 4800 or 9600 Baud. On extractable screw-connector block. RS485 (NET92): can be used for master or slave RS485 applications (on extractable screw-connector block). Analog Modem version: speed: nominal 19200bps, 38400 compressed.
RELAY OUTPUTS	2 relays. 1A. 30 V. N.O. + N.C.
DIGITAL INPUTS	4 powered inputs to be connected directly to a switch.
POWER SUPPLY	9 to 48 Vdc, 100 mA at 12 Vdc, not including readers.
BATTERY	Backup battery capacity: 550mAH Average consumption with magnetic reader: 90mA Average consumption proximity readers: 170mA
SIZE	156 x 100 x 60 (WxHxD).
WEIGHT	250 gr.