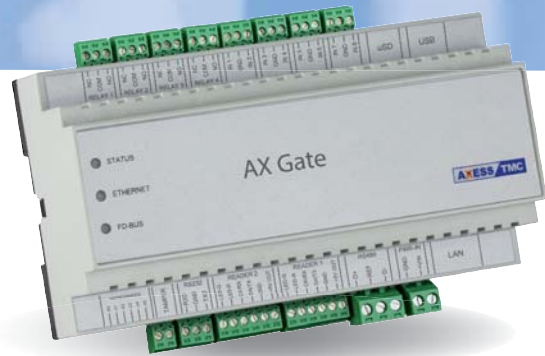


AX GATE

AX GATE



AX GATE is a flexible controller completely configurable through an intuitive WEB interface. His advanced technology makes it the perfect device for high demanding access control applications where compact size and excellent performance price ratio are required. Up to 2 readers among a wide range of identification technologies can be directly connected to **AX GATE** that can fully manage different types of gates with his 8 balanced INPUTS and 4 RELAYS. **AX GATE** can control up to 2 independent gates (Q2 2013) or up to 8 independent gates (Q3 2013) using AX MAX boards connected as slaves to the RS485 port.

FUNCTIONS

AX GATE is a powerful ethernet controller configurable through a common WEB browser or uploading text files via FTP.

It can be managed in real time by an HTTP server: **AX GATE** receives HTTP commands from the server and sends HTTP messages containing input variations or badge readings.

AX GATE manages 2 independent gates with separate access control criteria: Flap door, turnstile or security booth. Adding AX MAX (Q2 2013) on his RS485 encrypted line, up to 8 gates can be managed each with an entry reader and an exit button.

Thanks to the internal 2GB microSD memory, both the number of users and the number of transactions that can be stored exceed any practical need and are therefore limited only by processing time in case of tens of thousands users.

OPERATING MODE

- **Online:** a server receives all access requests via HTTP and can allow or deny gate activation. In case of connection failure, transactions are locally managed and stored in the internal message. A special http message periodically warns about the presence of records in the internal memory.
- **Offline:** according to access tables specific for each controlled gate. Time zones, authorization groups and user name can be defined. Transactions are recorded in a text file in internal SD memory: record format is configurable to match most of the payroll software applications. Transaction text files can be periodically copied on a FTP server by AX GATE in order to work even without a middleware.
- **Online as a component of Xatlas system,** the powerful Zucchetti AXESS security system.

AXESS TMC

a brand of Zucchetti Axess S.p.A

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TECHNICAL SPECIFICATIONS

HARDWARE	ARM Cortex-M3, 32-bit, 100MHz, Memory: internal removable 2GB SD Flash card for transactions and configurations
USER INTERFACE	Multitone programmable Buzzer, 3 bicolor LEDs (State, Ethernet or RS485)
BADGE READERS	<ul style="list-style-type: none"> • 2 removable screw connectors with 2 led controls for each reader. • Selectable interface: Clock&Data / TTL serial/ Wiegand / Barcode. • UP to 8 readers - through RS 485 AX MAX slave (Q3 2013)
COMMUNICATION PORTS	<ul style="list-style-type: none"> • Ethernet 10/100, PoE 802.3af A&B - TCP/IP, HTTP (Port 80), FTP (Port 21) - DHCP or static IP • 1 optocoupled RS485 port with encrypted protocol to manage up to 8 AX MAX
INPUT and OUTPUT	<ul style="list-style-type: none"> • relays N.O or N.C. max 2A @ 30Vdc; • 8 balanced inputs for full management of 2 independent gates. <p>Each input can detect up to 5 states (short, open, normal state, active, tamper)</p> <ul style="list-style-type: none"> • Up to 8 optional AX MAX, each with 1 Clk&Data reader, 2 relays and 2 digital inputs (Q3 2013) • Optical and dry contact antitamper sensor
SUPPLY	From PoE (Power Over Ethernet) switch or power injector 802.3af compatible or..10..48Vdc on screw blocks: 400mA@12Vdc max with 2 readers
BATTERY	<p>Main battery: 4,8V 600mAh NiMh wiith PTC protection:</p> <ul style="list-style-type: none"> o Up to 2 hours without readers o Up to 1,5 hours with 1 RF 125KHz reader o Up to 1 hour and 15 minutes with 2 RF LEGIC readers <p>Backup Lihtium battery: 3V 225mAh</p>
SIZE	Case: ABS: 156 x 98 x 57 mm (W x H x D) Weight: 225 g

NOTE: 2 INDEPENDENT GATE CONTROL: Q2 2013 – 8 AX MAX CONTROL: Q3 2013

A COMPLETE OFFERING

AXESS TMC solutions and products are scalable and easy to integrate, meeting the needs of small businesses and industrial corporations alike.

As part of **Zucchetti Group**, a leader in the development of systems for human resources management, **Axess TMC** is able to offer **Access Control and Security** solutions that are absolutely unparalleled in terms of completeness and multi-application integration.

LEADERS IN SECURITY

AXESS TMC is a brand of **Zucchetti Axess**, an international leader in CCTV video surveillance, access control and time and attendance solutions.

The R&D division of **Zucchetti Axess** is engaged constantly in the development of innovative solutions chosen by customers all over the world.

Zucchetti Axess maintains a presence in more than 50 countries worldwide, and is the premier source for every kind of need relating to personnel and environmental security.

Zucchetti Axess is part of Zucchetti Group: over 2.300 employees and more than 87.000 customers. Zucchetti is a forerunner in European ICT business.