X4 GLASS

The ***compact*** and ***elegant*** touchscreen ***biometric*** terminal

X4 GLASS is the web-based access control and time & attendance terminal that combines a compact (less than 4 cm thick!) and elegant design with reliability and robustness (IP55). X4 GLASS becomes biometric with FingerBOX or managing up to 8 XFinger readers. Even without using XAtlas it is possible the enrollement and the distribution of fingerprints to the system.

AXESS TMC
a brand of Zucchetti Axess S.p.A

STYLE AND INNOVATION IN A TOUCHSCREEN TERMINAL

X4 GLASS is a Time & Attendance terminal and a gate controller for high security access control. Equipped with a c**apacitive or resistive 4.3" touchscreen color display** and a **buzzer** for acoustic signaling, X4 GLASS is an innovative terminal that is easy to use, thanks to a user-friendly interface.

X4 GLASS is a **ready-to-use** device with integrated time and attendance and access control functions that allow managing numerous data collection and company security needs.

In small systems, the **Web Table Editor** function allows managing, even in autonomy, the entire access control system directly from a PC browser, eliminating the need to install communication and configuration software.

THE MAIN FEATURES OF X4 GLASS ARE:

- clear display of **time** and **direction of the transit;**
- effective reporting of **transaction** results;
- the ability to perform transactions with **PIN via virtual keyboard;**
- **free definition** of the **reasons;**
- **display of customised messages for users;**
- the ability to display all the **time records made by one user;**
- the functions used to manage and control accesses: **whitelist, time slots** and **complete control of two gates** even in environments that require **a high level of security** (thanks to 485 boards that can be placed in a safe location).
- biometric: X4 GLASS with FingerBOX or managing up to 8 XFinger readers; it is possible the enrollement and the distribution of fingerprints to the terminals, like AX GATE and AX DOOR, even without using XAtlas

X4 GLASS

X4 GLASS can be completely configured via FTP or Web. In fact, with any browser it is possible to define the access control criteria, insert users and cards, time slots, reasons for the codes and manage controlled gates.
The communications are based on standard HTTP and FTP protocols; during online real-time operation communications with the server (timestamps, change of state, etc.) can also be encrypted through the HTTPS client integrated in X4 GLASS.
The **RF reader** supplied with the terminal is **available for all the main technologies.** Optional elements can be connected to the 485 port, such as **XFinger biometric readers and other readers, through FD-NeoMax.**
X4 features the **RF5 multi-technology reader**, able to read many cards. The RF5 Reader can be configured for one-way use (entry or exit) or two-way use (entry and exit on two ends of the reader).
X4, simultaneously reading 125 kHz and 13.56 MHz technology, provides significant benefits in mixed technology environments or when changing card technology.
Equipped with **POE technology, X4 GLASS** can be installed with a single Ethernet cable for data transfer and power supply.
In case of power failure, X4 GLASS does not stop! A standard internal battery keeps it operating for one hour.

STRENGTHS OF X4 GLASS

- Optional internal **WiFi module;**
- **Capacitive** or resistive touchscreen display with vertical or horizontal mounting;
- **Ready to use** thanks to the integrated Time & Attendance and Access Control application;
- **Configurable and manageable via WEB** through **standard communication protocols** (HTTP, FTP) or Web Table Editor;
- **Real-time communication** with an online server during operation (exchange of timestamps, change of state, etc.) also based on a HTTPS encrypted protocol;
- **Integrated server and FTP client** with possibility to automatically transfer the transactions to a server for importing into third-party programs (the timestamps are stored in a customisable text file);
- **External USB port to download the time records** (can be used in stand-alone installations with password protection);
- **High security** and **expandability of the number of connectable readers** and number of available Inputs and Outputs. XFinger biometric readers or FD-NeoMax modules can be connected to the 485 port.

TECHNICAL**SPECIFICATIONS**

INTERFACE	4.3-inch 480x272 backlit LED display – capacitive or resistive touchscreen with vertical or horizontal mounting
PORTS	1 external USB 2.0 port to download password protected data - 1 Ethernet 10/100 POE A&B compatible with HTTP and FTP standard protocols - 1 RX485 with SPP or NET92 protocols for XFinger biometric readers or to expand the number of I/Os via FD-NeoMax board (each with 2 inputs, 2 relays and a reader) - 1 RS232 serial with EIA levels
READERS	**X4 GLASS**: Internal RFID reader available in different technologies: • compatible 125 Khz EM4102 (dual-head reading) • DESFIRE (NO SAM – secure access module) • 13.56 MHz multi-standard read/write ISO14443/15693 (with MIFARE) • 13.56 MHz multi-standard read/write with high-security Legic Advant technology ISO14443/15693 Other readers can be connected to the RX485 port by means of optional FD-NeoMax modules **X4**: Built-in RF5 multi-technology reader, able to read the following cards: • 125 kHz EM4102 and compatible • 13.56 MHz Mifare: Ultralight, Classic 1K, 4K, Classic EV1 1K, DESFIRE • 14443A • Tag NFC Forum Type2 **Optional built-in**: HID multiclass reader • iClass SE 13.56MHz and 125KHz RFID HID proxy. • also suitable for ISO14443/15693 UID credentials.
INPUT/OUTPUT	• 1 configurable 30V 1A relay: normally open or normally closed • 2 digital inputs for dry contacts • The inputs and outputs can be expanded by connecting optional FD-NeoMax boards to the 485 port
POWER SUPPLY	• POE or electrical power supply: 12....48 VDC 5...7W • Backup battery that guarantees one hour of operation even in the case of power failure (without optional modules installed)
OPTIONS	Internal WiFi 802.11 b/g module (occupies Ethernet port)
AUDIO	Buzzer
SOFTWARE SERVICES	• Integrated data collection application for Access Control and Time & Attendance • FTP server and client with the possibility to automatically copy files to and from another FTP server • Integrated management of independent gates (maximum 8 door or 4 turnstile) through optional board.
PHYSICAL FEATURES	ABS V0 housing, IP55 self-extinguishing Dimensions: 150mm x 85mm x 35mm