

## 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**

ZUCCHETTI GROUP

### STYLE AND INNOVATION IN A TOUCHSCREEN TERMINAL

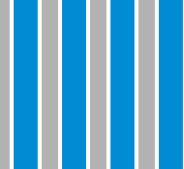
**X4 GLASS is a Time & Attendance terminal and a gate controller for high security access control.** Equipped with a **capacitive or resistive 4.3" touchscreen color display** and a **buzzer** for acoustic signaling, X4 GLASS is an innovative terminal that is easy to use, thanks to a user-friendly interface.

**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 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

<b>INTERFACE</b>	4.3-inch 480x272 backlit LED display – capacitive or resistive touchscreen with vertical or horizontal mounting	
<b>PORTS</b>	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	
<b>READERS</b>	<p><b>X4 GLASS:</b> Internal RFID reader available in different technologies:</p> <ul style="list-style-type: none"> <li>• compatible 125 KHz EM4102 (dual-head reading)</li> <li>• DESFIRE (NO SAM – secure access module)</li> <li>• 13.56 MHz multi-standard read/write ISO14443/15693 (with MIFARE)</li> <li>• 13.56 MHz multi-standard read/write with high-security Legic Advant technology ISO14443/15693</li> </ul> <p>Other readers can be connected to the RX485 port by means of optional FD-NeoMax modules</p>	<p><b>X4:</b> Built-in RF5 multi-technology reader, able to read the following cards:</p> <ul style="list-style-type: none"> <li>• 125 kHz EM4102 and compatible</li> <li>• 13.56 MHz Mifare: Ultralight, Classic 1K, 4K, Classic EV1 1K, DESFIRE</li> <li>• 14443A</li> <li>• Tag NFC Forum Type2</li> </ul> <p><b>Optional built-in:</b> HID multiclass reader</p> <ul style="list-style-type: none"> <li>• iClass SE 13.56MHz and 125KHz RFID HID proxy.</li> <li>• also suitable for ISO14443/15693 UID credentials.</li> </ul>
<b>INPUT/OUTPUT</b>	<ul style="list-style-type: none"> <li>• 1 configurable 30V 1A relay: normally open or normally closed</li> <li>• 2 digital inputs for dry contacts</li> <li>• The inputs and outputs can be expanded by connecting optional FD-NeoMax boards to the 485 port</li> </ul>	
<b>POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>• POE or electrical power supply: 12...48 VDC 5...7W</li> <li>• Backup battery that guarantees one hour of operation even in the case of power failure (without optional modules installed)</li> </ul>	
<b>OPTIONS</b>	Internal WiFi 802.11 b/g module (occupies Ethernet port)	
<b>AUDIO</b>	Buzzer	
<b>SOFTWARE SERVICES</b>	<ul style="list-style-type: none"> <li>• Integrated data collection application for Access Control and Time &amp; Attendance</li> <li>• FTP server and client with the possibility to automatically copy files to and from another FTP server</li> <li>• Integrated management of independent gates (maximum 8 door or 4 turnstile) through optional board.</li> </ul>	
<b>PHYSICAL FEATURES</b>	ABS V0 housing, IP55 self-extinguishing Dimensions: 150mm x 85mm x 35mm	