



**Ensuring the security and
safety of your resources and
much more**

The goal of the Temaline Access Control is to ensure the security and safety of your resources – people, assets, documents, intellectual property – present in a specific area, while still allowing authorised users easy, but controlled access.

The Temaline Access Controller is a flexible module able of monitoring and controlling up to 12 access points across a site. A range of capabilities including, anti-passback, redundancy fail-over, high reliability and availability and a graphical user interface ensure complete access control.

MAJOR BENEFITS

Flexible: Memory can be upgraded to add capacity or redundancy.

People Management : Extend the Access Control solution to also include intrusion detection and Time & Attendance.

Secure: Anti-passback capabilities prevent a card being used for entry/exit more than once in an allotted time period.

Programmable: Via a graphical user interface (GUI) the supervisor can program groups and areas and assign access attributes to individuals or groups.

Connectivity: Direct Ethernet connection to standard local or wide area networks.

Peace of mind: Complete redundancy ensuring that in the event of device failure alternative controllers can maintain readers.

KEY FEATURES

- Supports Up To 12 doors
- Supports “Open Protocol Readers”
- Direct LAN/WAN connection
- Supports “Messaging”
- Standard Memory supports 10,000 card holders (60,000 with enhanced memory)
- Supports SAP HR s/w connectivity
- Optional:
 - “Redundant Configuration”
 - “On-Line Muster Station”
 - “ Time & Attendance”



TS AC01

Specifications	TS AC01
Technical	Bi-processor CPU68EN302, including a Motorola 68000 (32 bit architecture) and an Ethernet communication processor 1 MByte FLASH EPROM to Download the application firmware 1 MByte FLASH EPROM on a removable cartridge for the download of the permanent database (tables of the access right of the users codes for the workdays, pre-holiday and holiday days) and for the "Transit and Events" Buffer. Optional memory board with 8 Mbytes FLASH EPROM available. 1 MByte RAM for the current activity. Management of up to 12 doors with TemaKeys on both directions. Management of up to 64 I/O. Up to 10,000 cards and 2,500 transactions stored on a removable cartridge with Flash EPROM memory in case of connection failure with the EBL_Tema host (resulting in no losses in case of a power failure), Up to 60,000 cards and 40,000 transactions with the extended memory board. See table below for details. Management of the peer-to-peer connection with the other TemaServer and as a consequence high decision-making capability and full operative autonomy. Autonomous clock/calendar Chip with automatic management of regular /daylight saving time with an autonomy of 1000 hours in case of power failure. Lead battery backup, with full functionality for 4 hours in case of network failure, and signaling of the battery-charge status. Low voltage power-supply (12 Vdc/ac) for maintenance safety. Tamper protection of the unit to prevent opening. Watchdog protection for recovery in case of malfunctions. Tele-diagnostic in Ethernet connection.
Electrical	Supply Voltage: 12 V DC/AC -15%/+20% Energy Consumption: 3.6 W (4.2 W max. during recharging of a fully used battery) Interface: Ethernet (10BaseT, 10Base2, AUI) for TCP/IP-UDP connection with EBL_Tema, and peer-to-peer between the TS AC01 units
Physical	Protection Degree: IP55 Dimensions: W=221, H=304, D=47 mm Weight: 3.0 Kg, battery included
Environmental	Working Temperature: 0°C / +50°C Relative Humidity: Up to 95% without condensation Electromagnetic Compatibility: 89/336/CEE; 92/31/CEE; 93/68/CEE

Maximum number of cards and buffers size Standard Memory Card

Basic Configuration	Cards	Transactions Buffer	Event Buffer
Access Control	10.000	2.500	400
Enhance AC / Basic T&A (Enhanced Personal data table)	6.000	2.500	400
Interactive T&A	2.500	10.000	135
SAP	2500	7.000	135

Extended Memory Card

Basic Configuration	Cards	Transactions Buffer	Event Buffer
Access Control	60.000	40.000	5.000
Enhance AC / Basic T&A (Enhanced Personal data table)	50.000	40.000	5.000
Interactive T&A	15.000	65.000	1.000
SAP	32.000	65.000	1.000

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