



Mastergate – Access Hub

DESCRIPTION

Application Contexts

- Corporate access and offices
- Industrial areas and warehouses
- Parking lots and garages
- Condominiums and residential complexes
- Infrastructure and sensitive sites
- Waste collection centers

Features

- Multi-technology support
- Centralized Cloud management
- Advanced access rules
- Dedicated web portal
- Non-volatile memory
- User and group management
- Consultable transit log
- API integration

The **MasterGate** is a concentrator terminal for access control, designed to centrally manage various types of identification technologies.

It supports tax code readers, magnetic badges, HF/LF RFID readers, UHF systems, and license plate or biometric readers, easily adapting to gates, doors, entryways, and barriers.

Equipped with non-volatile memory and **Cloud Server** connectivity, it automatically updates the authorized user **Whitelist** and applies access rules based on dates, times, and days. All management is handled via a **web portal**, accessible without dedicated software, from which users, permissions, and groups can be administered, and recorded transits can be consulted. It can operate in both **On-Line** and **Off-Line** modes.

The system also allows for data export, bulk import of user databases, and integration with external management software via **API**, offering a complete, flexible, and easily scalable solution for both pedestrian and vehicle access control.

SPECIFICHE	
Supported identification technologies	Tax code / magnetic stripe, HF RFID (Mifare), LF 125 kHz RFID, vehicle UHF, License plate readers, Biometric readers
Readers on board	HF 13,56 MHz and LF 125 kHz
Type of managed accesses	Pedestrian and vehicle gates, doors, entryways, barriers
Memory	Non-volatile memory
Operating modes	Smart device with Cloud synchronization
Whitelist update	Automatic and periodic via Cloud Server
Credential validation	Per individual user or user group
Credential disabling	Immediate via portal
Power supply	9-27 Vdc PoE Optional
Connections	Ethernet RJ45 100Mbit, USB, Power, RS232, RS485, LED, Power Out, 4 Optoisolated Inputs, 2 Relays, input for tamper sensor
Input/Output	4 Optoisolated digital Inputs and two digital Relay Outputs (1A 24V)
Real Time Clock	Available, setting via NTP
Supported protocols	Http/Https, MQTT/MQTTs, NTP, REST

USER & ACCESS MANAGEMENT	
User management	Insertion, modification, disabling
Group management	Access rules assignable to groups
Transit list	Consultation by period, access point, user
Data export	PDF, Excel
User import	Structured Excel or CSV UTF-8 file
Integration	API for automatic update from management software

CONNECTIVITY & CLOUD	
Internet connection	Local Area Network (LAN) or optional GPRS router, WiFi 802.11 b/g/n
System access	Secure web portal (browser, personal credentials) for access to configuration parameters, with access via WiFi or Ethernet.
Portal functions	Management of users, permissions, groups, access rules, and transit logs.

 **MADE IN ITALY**
100% Designed and Produced by
SOLTRONIC

Part number	Product	Description
010.TAS003	Mastergate	Mastergate Access Hub

Soltronic Srl
Via Selvuzzis 45/2
33100 Udine – Italy

www.soltronic.it
Info@soltronic.it
+39 0432 610108