

Attendance terminal MasterTime



Application Context

Offices and Corporate Headquarters
Manufacturing and Logistics Sites
Construction Sites and Remote Locations
Retail and Large-Scale Distribution
Healthcare Facilities and Laboratories

Features

7" High-Response Touch Display
Detection with Radar Sensor
Universal Multi-Frequency RFID Reading
Total Connectivity (Ethernet, WiFi, and LTE)
Business Continuity and Security
Advanced Multimodal Feedback
Integrated WEB Server
Secure Element

DESCRIPTION

Our new time and attendance terminal redefines personnel management standards, combining a minimalist "total black" aesthetic with top-of-the-line hardware features. Designed to integrate seamlessly into any architectural environment, the device offers a smooth and immediate user experience.

The heart of the terminal is a 7" TFT graphic display with an 800x480 pixel resolution. Thanks to the 3mm protective glass and the capacitive touch controller, interaction is fast and precise, ensuring flawless operation even in industrial settings.

Equipped with a radar presence sensor and a brightness sensor, the terminal can wake up instantly when an employee passes by, reducing standby power consumption and adjusting the backlight according to ambient light, ensuring perfect readability in all conditions.

No compromise on compatibility: the system integrates a dual-band RFID reader (13.56MHz and 125KHz) and supports the MagStripe standard. Flexibility is guaranteed by multiple connection options, including Ethernet, WiFi, and a GPRS-LTE slot, allowing installation even in locations without a wired network infrastructure.

Built to last, the terminal boasts an IP52 protection rating and a backup battery that guarantees over 30 minutes of autonomy in the event of a power outage. The system is protected by an anti-tamper sensor and offers clear feedback thanks to the integrated speaker and multi-tone buzzer.

DISPLAY AND USER INTERFACE

Display	7" Graphic TFT
Resolution	800 x 480 pixel
Touch Technology	Capacitive optimized for 3mm glass
User Feedback	Integrated speaker and multi-tone buzzer
Environmental Sensor	Presence and brightness sensor

SUPPORTED TECHNOLOGIES

RFID High Frequency	13.56 MHz
RFID Low Frequency	125 KHz
Magnetic Stripe	MagStripe Clock, Data, Strobe
Extra Options	Barcode Reader (on TTL232) and Biometric

INPUTS OUTPUTS AND SECURITY

Relay Outputs	2 (24Vdc - 1A)
Optoisolated Inputs	2 (9 - 32Vdc)
Physical Security	Anti-tamper sensor
Multimedia	Camera and Microphone (optional)

POWER SUPPLY AND ENERGY MANAGEMENT

Input Voltage	9 - 32 Vcc
Power over Ethernet	PoE (optional)
Backup Battery	Over 30 minutes of autonomy
Real Time Clock	RTC integrato con batteria dedicata

CONNECTIVITY AND COMMUNICATION

Wired Network	Ethernet
Wireless	WiFi (optional) and BLE
Mobile Network	Integrated GPRS-LTE (optional)
Serial Ports	RS232 (for printer), TTL232, RS485 Host
USB	1 USB Host port

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Material	ABS V0 body and metal backbed
IP Rating	Rate $\geq$ IP52
Operating Temperature	from 0°C to +50°C
Dimensions	220Lx120Hx45P mm.
Weight	0,6 Kg

 **MADE IN ITALY**

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SOLTRONIC

Part Number	Product	Description
	MasterTime Black	Base Version black
	MasterTime White	Base Version white
	MasterTime Black PoE	with PoE, black
	MasterTime White PoE	with PoE ,white
	Power Supply	12VdC
	Modem LTE	Modem GPRS-LTE for MasterTime

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