

TIME AND ATTENDANCE READERS

# KARPOS STYLE

Innovative and User Friendly tools



MCT 900



MCT 700



DESIGN, TECHNOLOGY & MANUFACTURING MADE IN ITALY

# TIME AND ATTENDANCE READERS

## KARPOS STYLE MCT 700-900

KARPOS STYLE arises from the idea of Microntel's Engineering & Design Center.

It results from an innovative project system, based on cutting edge technology and advanced engineering, and it's a high performance acquisition terminal meeting any requirement regarding staff Time and Attendance, Canteen Usage and Access Control data collection.

Its flexibility and versatility allows different reading technologies, which are multiple and can be matched, in order to identify the RFID cards (according to all technical standards on the market), magnetic stripes and fingerprints.

Using FTP connection, the terminal can send and collected data to any FTP standard server, without any other supporting software applications. The Web Server in the terminal allows settings configuration and parameters sending through a simple web page.

KARPOS STYLE communicates with any kind of data transmission interface: Ethernet, WiFi and also GPRS to reach all application fields.

Design is elegant, refined and essential, and can be always perfectly integrated with all furniture and installation requirements. KARPOS STYLE was developed to optimize ergonomics and usage easiness.

### TECHNICAL SPECIFICATIONS

- ▶ 7" TFT colours graphic display, backlighted, with a resolution of 800x480 pixels and a resistive touchscreen
- ▶ 8 Keys touch keypad
- ▶ 3 connection interfaces: Ethernet TCP/IP (native); WiFi and GPRS
- ▶ Linux architecture
- ▶ ARM Cortex based microcontroller
- ▶ LED and buzzer signals
- ▶ 512 MB RAM Memory
- ▶ Flash memory: 8 GB Micro SDHC memory card, expandable up to 32 GB
- ▶ Black/white fireproof ABS-V0 case, manufactured using injection molding
- ▶ Firmware upgrade via download

#### Reading technologies

- ▶ Simultaneously enabled readers:
  - 13.56 MHz RFID: ISO 14443A Mifare® Classic, Mifare® Plus, Mifare Desfire®, NFC, ISO 14443B, HID®, Legic®
  - RFID 125 kHz. : Read Only, Read & Write
  - Magnetic stripe card ISO track 2
- ▶ Fingerprint biometric sensor, in conjunction with RFID ISO 14443A Mifare® card
- ▶ RFID Tag maximum Read distance: 5 cm

#### Interfaces

- ▶ n°2 USB ports
- ▶ n°2 configurable slots:
  - RS 232, for printer o scanner
  - RS 485 for visualization devices
  - Loibus channel for up to 6 Access Control or Time and Attendance readers
- ▶ n°2 Relay output 1 A 24V for SPDT contact
- ▶ n°1 protected digital input

#### Dimensions

- ▶ (hxlxp) 200x222x90 mm

#### Power Supply

- ▶ Internal 90- 230 V AC out 12 VDC optional PoE (Power over Ethernet)
- ▶ Max power consumption: 15 W
- ▶ Lithium battery 3 V, rechargeable to keep RAM memory
- ▶ Backup battery life in energy saving mode: 8 h

#### Operating environment

- ▶ Operating temperature range: 0° a 50°
- ▶ Storage temperature range: -10° a +60°
- ▶ Humidity tolerance: 5% to 95% (non-condensing)



KARPOS STYLE MCT 700-900		Versions								
Technical Specifications		MCT 700	MCT 700-61	MCT 700-62	MCT 700-63	MCT 700-1	MCT 700-2	MCT 700-11	MCT 900	MCT 900-11
Readers	Magnetic Badge ISO traccia 2									
	125 kHz RO									
	125 kHz R&W									
	13,56 MHz Mifare®									
	Fingerprint									

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