



## US10-MS / US10-BC

### Product Description

US10-MS / US10-BC is an innovative standalone barcode/magnetic stripe time and attendance reader. It is based on ZEM510 platform, with a black & white display. Offering unparalleled performance on an embedded Linux platform with all the features a modern time and attendance reader should have including relay contacts for access control/external bell.

TCP/IP communication is standard and will ensure that data transmission between the terminal and PC is error free. The USB port can be used to transfer the data to and from the USB flash drive. US10-MS / US10-BC is an easy plug-in solution for existing time attendance software developers who have already integrated other ZK readers.



#### Standard functions



#### Optional functions



## Features

- ✓ Standalone barcode or magnetic stripe time and attendance reader
- ✓ Highly durable and reliable magnetic and barcode readers
- ✓ Configurable Barcode reader settings to read 3 of 9 or 2 of 5 barcodes and magnetic cards with track II.
- ✓ LCD display with 4 lines to provide an easy user interface
- ✓ It includes a robust keypad with 4 keys used for key state as Check-in/ Check-out / OT-in /OT-out
- ✓ USB HOST port enables data transfer of log and templates to a USB Pendrive.
- ✓ Relay contacts for external door bell or dry contact for door lock
- ✓ The serial port can be used for communication with the reader or can attach a serial printer to print slips.
- ✓ Multifactor authentication options using Card/PIN or Password
- ✓ Audio and Visual feedback for accepted and rejected card swipes
- ✓ Multi Language firmware which could support all European languages.
- ✓ Easy to install.



## Specifications

### Capacity

Card Capacity	10,000
ID Card Capacity	50,000
Card Type	Magstripe or barcode (Optional RFID)

### Hardware

Platform	ZEM510
CPU	32bit ZK6001 Microprocessor 400MHz
Memory	32M RAM, 256M Flash

### Display

LCD	B&W LCD (4 lines)
LED Indicator	Green / Red

### Environment

Oper. Temp	0°-45°C
Oper. Humidity	20%-80%

### Power

Power	12V, DC 1.5A
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### Communication

Comm. Port	Ethernet, RS-232/485
Pen drive	USB-host

### Proximity Module (Optional)

Type	EM card
Identification	<=2 sec

### Languages

Available	All European languages
Maximum	3
Voices	Allowed

### Keypad

Type	Buttons keypad
Function Keys	4

### Dimensions

Dimensions	165.87 x 141.98 x 45.18 (L x W x D)
Weight	1.25Kg

### Firmware

O.S	Linux
Applications	T&A, A/C
SDK	Standalone SDK

## Connectivity diagram

