

## MaCaPS Attendance Smart Card Reader

Attendance Smart Card Reader is an integrated smart card reader and is used for taking attendance in the classroom/lecture room. It has the below features:

### General Features

- Design to work with Philips Mifare smart card (ISO 14443A)
- Provide fast verification time < 0.2 sec.
- Support RS-485 or Wiegand Interface
- With a 4 x 16 LCD display
- Build-in bar form LED indicator (Red & Green) and buzzer
- Allow online/offline transaction upload and the attendance system should show the updated transaction
- Support TCP/IP connection in 100 M bps
- With 3 network ports sharing with other workstations in 100 M bps and there is a network LED for each network port showing the corresponding network status
- Extendable up to 6 additional smart card readers. The distance for extended smart card reader can be up to 200 meters
- Able to store 100,000 offline transactions when the network is disconnected
- Able to store the offline transactions up to 3 years
- Able to upload to the offline transactions to attendance system database when the network is connected
- Provide card keys store function
- Provide true anti-collision
- Provide address switch for multiple readers communication
- Allow customizable plating on the shelter box



### Specifications

Power Supply	9-12V DC, Max 300mA
Read Range	>40mm (under standard 4 cores Mifare Card)
Interface Format	Weigand/RS485/TCP-IP
Transmit Frequency	13.56MHz
Memory Size	1M Byte Flash and 1M Byte SRAM
Verification Time	<0.2sec
Operating Temperature	0°C to +40°C
Size	190mm x 120mm x 50mm
Weight	450g.
Installation	Wall/table mountable.