



# Access Management System

## AMS

- ACCESS CONTROL
- ROOM INFORMATION DISPLAY
- ROOM BOOKING SCHEDULE

### Illustration of AMS



### Features:

- 7" Panel with 16:9 widescreen and 800x480 high resolution
- High quality 4Wire Resistive Touch Screen, Anti-Scratch and External Contamination
- Adopting low power consuming Intel Atom CPU, supporting MPEG-2 video diversifying your display content
- Infrared Motion Detector and user interface auto switch
- Mifare Contactless Smartcard supporting 13.56MHz Mifare (ISO-14443A)
- Built-in 1.3 megapixel web camera and digital microphone, providing communication interface to talk with mainframe administrator
- Using exclusive Serial Number Card Management System which is commonly used by Taipei Easy Card regulation
- Providing Dual LAN Module RJ-45 equipped with Access Management, Security Mode on/off, Controller Reset...etc.
- Real-time web monitor, built-in DI/DO module, instant function (door open/ close and security etc...) status feedback.
- Schedule and resources management aimed at room utilization such as classroom, conference room and Audio-visual room which greatly reduces the waste of resources.
- Authorization management system with 3 modes of authorization including management, users, and staff. User can also set authorization modes according to specific demands.
- Watchdog function to reboot system when detects abnormal condition.

DC 12V power supply (W07IA3S-CHT1AM), AC 110V power supply (W07AI3S-CHT1AM-R)

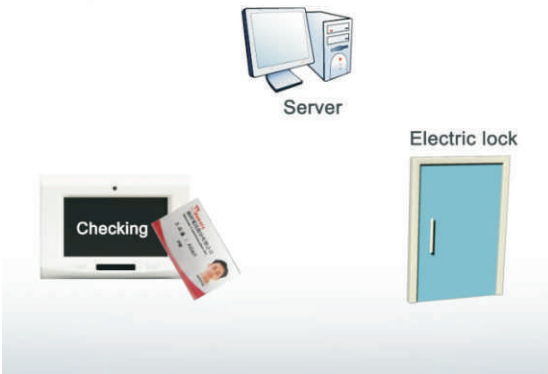


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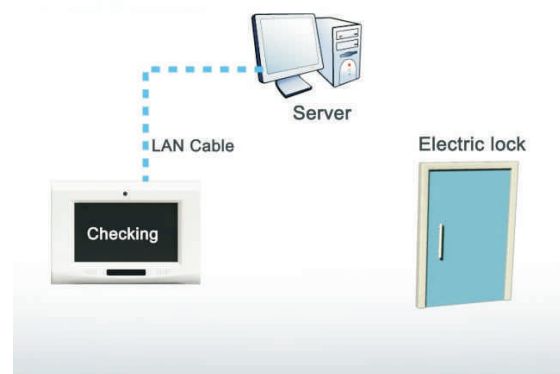
## AMS

### Access Control Flow

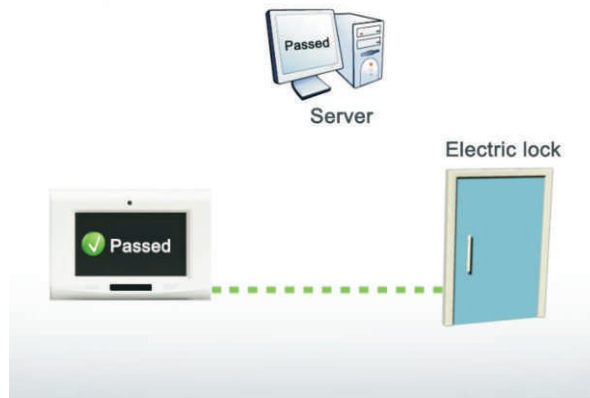
#### 1. Authorized with RFID card



#### 2. Access Management System check with Server



#### 3. open the electric lock



### What is ISO 14443 Type A ?

ISO 14443 is a four-part international standard for contactless smart cards operating at 13.56 MHz in close proximity with a reader antenna.

Two main communication protocols are supported under the ISO 14443 standard series – Type A. Key features of ISO 14443:

- Operating frequency: 13.56 MHz
- Read/write range: up to 4 inches (10cm). Note: this figure is generally accepted but it is not stated in the standard.
- Speed: The ISO standard specifies a default speed of 106 Kbps, which is mandatory for anticollision stage. Higher communication such as 212 Kbps and higher are allowed as an option.
- Security:
  - Wired logic cards: authentication mechanisms are available.
  - Microprocessor cards: security mechanisms available in contact smart cards are also available for ISO 14443 Type A