

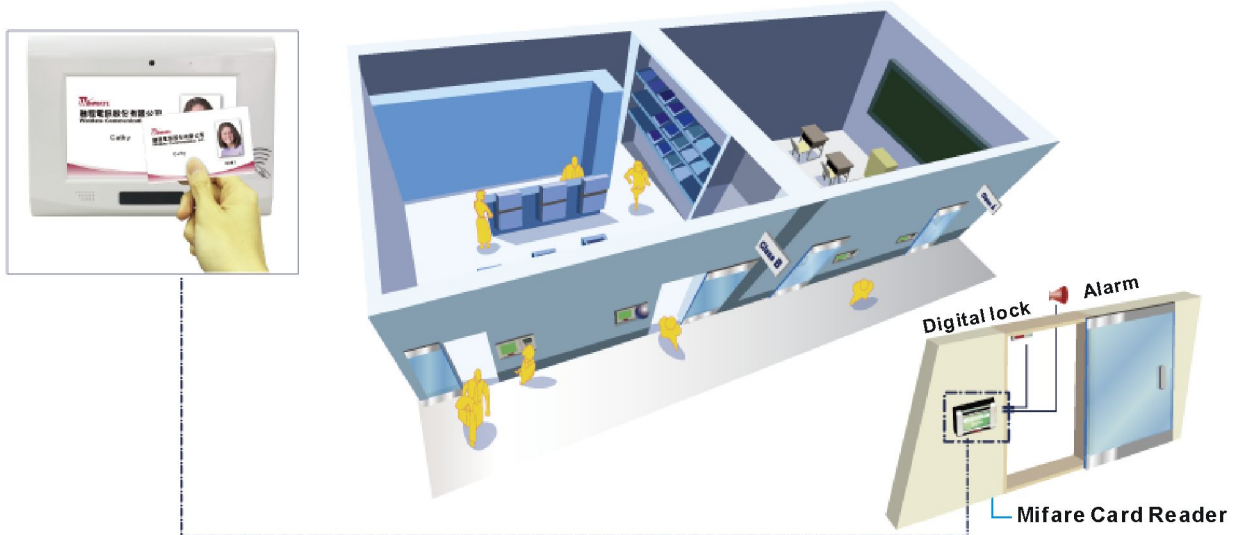
Access Management System

Intel ATOM Platform

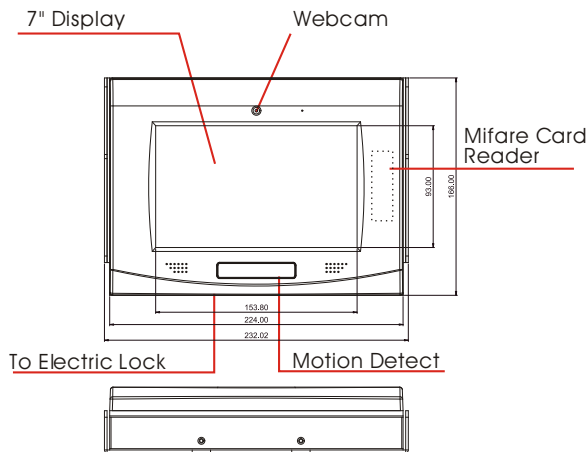


Access Management Diagram

Winmate's Access Management System provides you the intelligent PC controller. Through this system, you can easily manage campus security, avoiding resource waste. Furthermore, the RFID card reader also provides encryption function as well as prohibits key duplication and counterfeit.



Mechanical Design Drawings



Model List		
Platform	Intel ATOM N270	Intel ATOM Z510/Z530
Model Name	W07IA3S-CHA4AM	W07I93S-CHA4AM

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) module
- 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.

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Application:

1. Conference Room Booking System



2. Library Management System



3. Student Attendance Management System



4. Student Achievement Checking System



System Specification

- Viewable Size Image : 7"
- Display Resolution(pixel) : 800x480
- Contrast Ratio : 500:1(typ.)
- Brightness (cd/m²) : 400 (typ.)
- Touch Interface : 4W Resistive
- CPU : Intel® ATOM N270 1.6GHz/ Z510 1.1GHz/ Z530 1.6GHz
- BIOS : AMI 4Mbit Flash
- System Chipset : Intel® 945GSE / ICH7M Chipset / Intel US15W XL Chipset
- Memory : 1 x SODIMM, max.2GB DDR2 533
- LAN : Two Gigabit LAN Port
- USB : 1 USB port
- Storage : Support CF card · 16GB max.
- DI/DO : 2 DI ports · 2 DO ports (DO0 supports 12V/1 · Digital Lock Control)
- Webcam : 130 Megapixel · Built-in Digital Microphone
- Watchdog : 256 levels
- Peripheral :
 - A. 1.3 Megapixel Web Camera
 - B. Digital Microphone
 - C. 1Watt Speaker
 - D. Infrared Motion Detector
 - E. 2 sets of DO/DI module
- Optional Peripheral :
 - A. Mifare Contactless Smartcard, support ISO 14443 Type A sensor card