



SY330NT4-SV5/PV5 4 Door Network Controller

- Number of Cards : 25,360
- Use LCD display reader can show card holder name.
(English: 12 Char. or Chinese: 6 Char.)
- Capacity of Records : 55,510
- Number of Readers : 8 (4In, 4Out)
- Door Control : 4 Doors



- Communication : RS485 x 2, TCP/IP, Wiegand 4
- Input Points : Normally 8
- Relay Output : Normally 4
- Wiegand Input : 4
(Wiegand 26/32/34/35/37/42/50/66 bits)
- Dimensions (mm) : 137W x 180H x 54D
- Dimensions (mm) : 122.5W x 117H x 25D(PCB)

• Built-in Anti-Tamper protection / Buzzer.



SY230NT-SV4/PV4 Multi-Door Controller

- Number of Cards : 9,999
- Use LCD display reader can show card holder name.
(English: 12 Char. or Chinese: 6 Char.)
- Capacity of Records : 4,100
- Number of Readers : 4 (2In, 2Out) / 8 (4In, 4Out)
- Door Control : 2 / 4 Doors



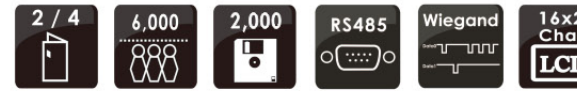
- Communication : RS485 x 2, Wiegand x 2/4
- Input Points : Normally 4/8
- Wiegand Input : 2/4
(Wiegand 26/32/34/35/37/42/50/66 bits)
- Relay Output : Normally 2 / 4
- Dimensions (mm) : 137W x 180H x 54D
- Dimensions (mm) : 122.5W x 117H x 25D(PCB)



• Built-in Anti-Tamper protection / Buzzer.

SY260NT-V3F Multi-Door Compact Type Controller

- Number of Cards : 6,000
- Use LCD display reader can show card holder name. (English: 8 Char. or Chinese: 4 Char.)
- Capacity of Records : 2,000



- Door Control : 2 / 4 Doors
- Number of Readers : 4 (2In, 2Out) / 8 (4In, 4Out)
- Communication : RS485 x 2, Wiegand x 1
- Input Points : Normally 4, Expandable to 128
- Relay Output : Normally 2 / 4
- Dimensions(mm) : 91W x 146H x 38D



• Built-in Anti-Tamper protection / Buzzer.

SY260NT-V3F-M1 Single Door Controller

- Built-in Mifare Reader Module

SY125SA Single Door Touch LCD Display Controller

- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Number of Cards : 2,000
- Capacity of Records : 2,000
- Communication : RS485
- LCD Display : 128x64 Dots (16x4 Char)



- Number of Readers : 1 Built-in, 1 Extend
- Input Points : 4 NV Input
- Output : 2 Relay
- Wiegand Input :
(Wiegand 26/32/34/35/37/42/50/66 bits)
- Read range : 5cm~15cm / 3cm~8cm
- Dimension (mm) : 83W x 121H x 32D



• Built-in Anti-Tamper protection / Buzzer.

SY120SA-V5 Single Door Controller

- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Number of Cards : 2,000
- Capacity of Records : 2,000



- Number of Readers : 1 Built-in, 1 Extend
- Communication : RS485
- Input Points : 4 NV Input
- Output : 1 Relay, 1 Voltage Output

• Built-in Anti-Tamper protection / Buzzer.

- Extend Door-Bell Function.
- Dimension (mm) : 83W x 121H x 32D



SY110SA Single Door Controller

- Transmit Frequency : 125KHz
- Number of Cards : 1,200



- Number of Readers : 1 Built-in, 1 Extend
- Input Points : 2 NV Input
- Output : 1 Relay

• Built-in Anti-Tamper protection / Buzzer.

- Dimension (mm) : 83W x 121H x 32D



RD200-U1 UHF RFID Desktop Reader

- Frequency : 860~960MHz
- Interface : USB 2.0 Compliant
- Read Range : Up to 15 cm
- Support for full 860 to 960 MHz UHF RFID carrier frequency range to accommodate worldwide regulations

- Compatible with EPC Class 1 Gen 2; ISO-18000-6C
- Powered by USB connection to notebook or desktop PC
- Provide API development tools
- USB Firmware upgrade function
- USB Keyboard Emulation
- LED visual indication / Built-in Buzzer
- Dimensions(mm) : 105W x 72H x 16D



SYRDF5 SYRDF6 Fingerprint Proximity Reader



- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Number of Fingerprints : 9,000
- Support Software : SYSOFT-FPM / SYSOFT-230 / SYW95A

- Communication : RS485 and Wiegand.
- Dimensions(mm) : 91W x 146H x 61D (F6)
83W x 121H x 45D (F5)

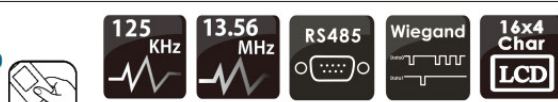
- Built-in Anti-Tamper protection.
- Built-in Buzzer.
- Built-in Watchdog to prevent system from halting.

SYRDF6-PMS Standalone Optical Fingerprint Reader



- Number of Cards : 500.

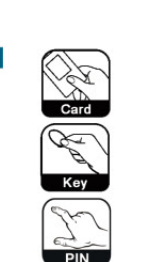
SYRDT2 Touch Keypad LCD Display Reader



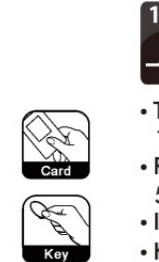
- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Read range : 5cm~10cm / 2cm~6cm
- ID : 0,001~9,999
- Keypad : 12 keys
- PIN to Open Door

- Built-in Anti-Tamper protection.
- Built-in Buzzer.
- Built-in Watchdog to prevent system from halting.
- LCD Display : 128x64 Dots (16x4 Char) LCD
- Communication : RS485 and Wiegand(26/32/34/42/66 bits)
- Baud Rate : 4,800~230,400 bps
- Dimensions(mm) : 89.4W x 124H x 12D

SYRDK2 Touch Keypad Reader



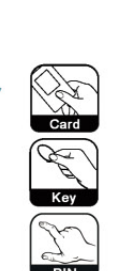
SYRDS2 Touch Panel Reader



- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Read Range : 5cm~10cm / 2cm~6cm
- ID : 0,001~9,999
- Keypad : 12 keys (K2)

- Built-in Anti-Tamper protection.
- Built-in Buzzer.
- Built-in Watchdog to prevent system from halting.
- Communication : RS485 and Wiegand
- Baud Rate : 4,800~230,400 bps
- Dimensions(mm) : 89.4W x 124H x 12D

SYRDK5 Keypad Proximity Reader



SYRDS5 New Proximity Reader



- Transmit Frequency : 125KHz / 13.56MHz (Mifare)
- Read Range : 5cm~15cm / 2cm~6cm
- ID : 1~8 or 01~99
- Keypad : 17 keys (K5)
- PIN to Open Door (K5)

- Built-in Anti-Tamper protection.
- Built-in Buzzer.
- Built-in Watchdog to prevent system from halting.
- Communication : RS485 and Wiegand
- Baud Rate : 4,800~115,200 bps
- Dimensions(mm) : 83W x 121H x 32.0D (K5)
83W x 121H x 29.5D (S5)

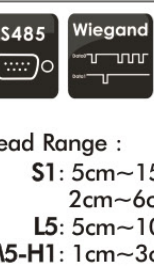
SYRDS1 Standard Proximity Reader



SYRDL5 EM Mini Proximity Reader



SYRDM5-H1 HF Mini Proximity Reader



- Read Range : S1: 5cm~15cm / 2cm~6cm
L5: 5cm~10cm
M5-H1: 1cm~3cm
- Communication : RS485 and Wiegand.
- ID : 1~8 or 01~99
- Baud Rate : 4,800~115,200 bps
- Dimensions(mm) : 75W x 115H x 16D (S1)
44W x 88H x 20D (L5)
44W x 81H x 16.6D (M5-H1)

- Built-in Anti-Tamper protection.
- Built-in Buzzer.
- Built-in Watchdog to prevent system from halting.

RD200 USB RFID Desktop Reader

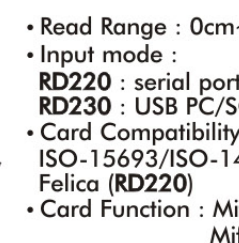


- Transmit Frequency : 125KHz/134.2KHz/13.56MHz
- Read Range : 0cm~6cm / 0cm~5cm
- Card Compatibility : EM/TEMIC/HiTag S/ISO-14443A.
- Auto-Detect Card Format and UID.



- Communication : USB 2.0 Compatible, Mini USB 5-pin Connector.
- Built-in Antenna, Two-colors LED visual Indication and Buzzer Alert.
- BSupport decimal and hexadecimal ID formats.
- Provide API Development Tool.
- Development Tools: Support BCB6,VB6, VB.NET sample program and VC,VB, BCB, DevC, C# library.
- Dimensions(mm) : 105W x 72H x 16D

RD220-H1/ RD230-H1 USB RFID Desktop HF Reader



- Read Range : 0cm~7.5cm
- Input mode : RD220 : serial port emulation
RD230 : USB PC/SC
- Card Compatibility : ISO-15693/ISO-14443A/ISO-14443B/ Felica (RD220)
- Card Function : Mifare : R/W (RD220)
Mifare : UID (RD230)

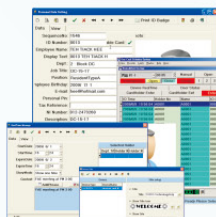


SYSOFT Series



- Support for Windows XP/7/8
- Support for MS-Access / MS-SQL (Default : MS-Access).
- Support to Backup/Restore database with XML file.

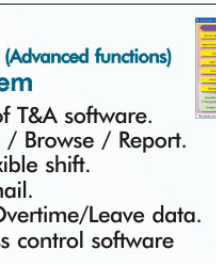
SYSOFT-230 Network Access Control System Management Software



- Support for SY330NT/SY230NT/SY210NT/ SY260NT/SY120SA/SY125SA.
- Showing card holder name by using SY230/210/260NT.
- Maximum number of linked controllers : 9,999.
- Card capacity : 6,000~63,000.
- Communication interface : USB, TCP, UDP.
- Support for APB(Anti-Pass Back) application.
- Including Basic functions of T&A Software.

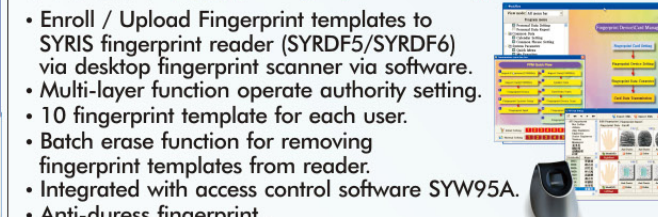
- Support to lift control for 64 floors.
- Holiday setting.
- Alarm for door open time-out.
- E-map control.
- Support to APP setting with 64 groups.
- Door switch with Hydrant / Fire alarm
- Voice broadcast via computer.

SYSOFT-TAM Time Attendance Management System



- Advanced functions of T&A software.
- T&A statistical Results / Browse / Report.
- T&A analyze with flexible shift.
- Giving notice via E-mail.
- Create and statistic Overtime/Leave data.
- Integrated with access control software SYW95A / SYBASE.

SYSOFT-FPM Fingerprint Management System



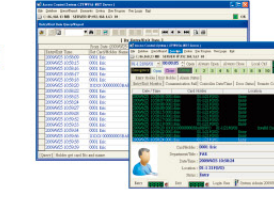
- Enroll / Upload Fingerprint templates to SYRIS fingerprint reader (SYRDF5/SYRDF6) via desktop fingerprint scanner via software.
- Multi-layer function operate authority setting.
- 10 fingerprint template for each user.
- Batch erase function for removing fingerprint templates from reader.
- Integrated with access control software SYW95A.
- Anti-duress fingerprint.

SYSOFT-DVM Digital Video Monitor Management System

- Recording previous 10 seconds image after flashing the proximity card.
- Support dual monitor screen, audio monitoring / recording.
- Zero waiting database searching and event preview.
- Hard Disk storage with cycling record method.
- Multi-channel monitoring and recording simultaneously.
- Digital input and output , easily to use IE for set up camera configuration at remote site.



SYW95A Access Control Management System



- Support for SY330NT/SY230NT /SY210NT/SY260NT.
- Support for Windows XP/7/8.
- Support for MS-Access.
- Card capacity: 9,999.
- Communication interface : USB.
- Maximum number of linked controllers: 99.

- Support APB(Anti-Pass Back) application.
- Holiday setting.
- Alarm for door open time-out.
- Support to lift control for 64 floors.
- Support to APP setting for 16 groups.
- Including Basic functions of T&A Software.

SYBASE Access Control Management System



- Support for SY120SA/SY125SA.
- Support for Windows XP/7/8.
- Support for MS-Access / MS-SQL.
- Card capacity : 2,000.
- Stand-alone / Network.
- Maximum number of linked controllers: 999.
- Communication interface : USB, Ethernet.

- Support to TCP/IP.
- Real-time E-map control.
- Build-in card assignment function
- Automatically detect door status.
- Reports output.
- Including Basic functions of T&A Software.

MDNET-5 Ethernet to RS485 Converter



- Communication : RS485
- Baud Rate : 4,800~115,200 bps
- Configuration : MDNET Tools & Web Browser (IE, Firefox)

- Operating Mode : TCP Server, TCP Client, UDP
- Networks : 10BASE-T/100BASE-TX port, 10/100Mbps (Auto-detecting)
- TP Port : RJ-45
- Input Voltage : 8~15V DC
- Dimensions(mm) : 77W x 59H x 22.5D

MDWIE-1 Wiegand converter Module

- Support Type : Keypad Reader and Standard Reader.
- Communication : RS485
- Baud Rate : 4,800~115,200 bps
- Input : Wiegand 4/6/26/32/34/35/37/42/50 bits Reader.
- Channel : 2 Channel
- Dimension (mm) : 75W x 115H x 15D



MDDIDO-1S Extend DIDO Module

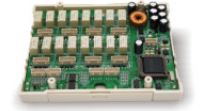
- Dimensions(mm) : 75W x 115H x 22D



- Input : 4 Input / 16 Input (Voltage Free)
- Output : 2 Relay/ 16 Relay
- Communication : RS485

MDDIDO-16 Extend DIDO Module

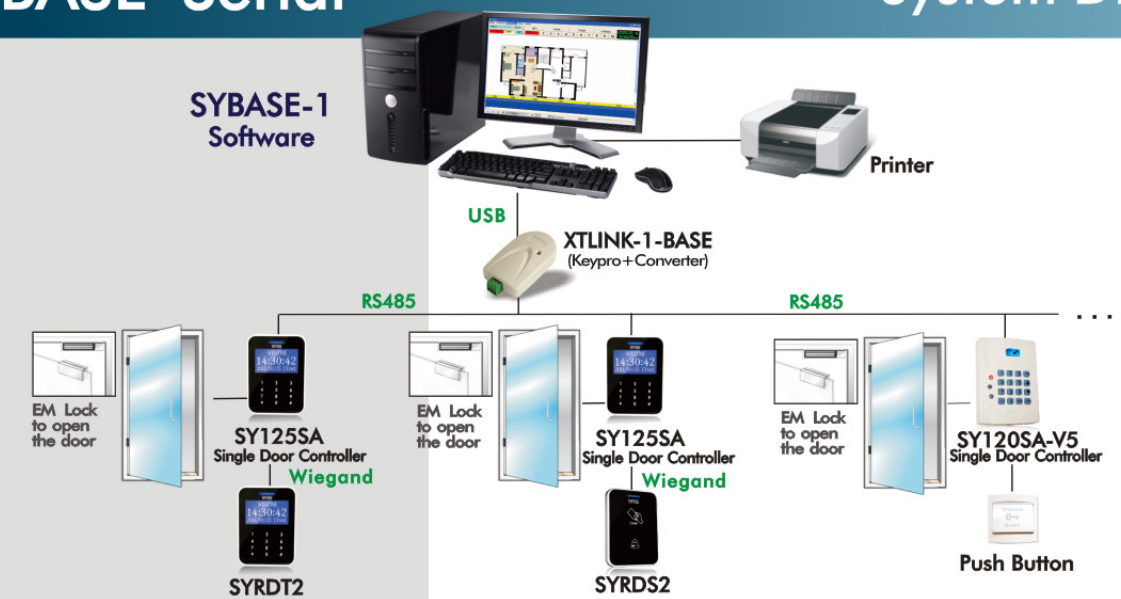
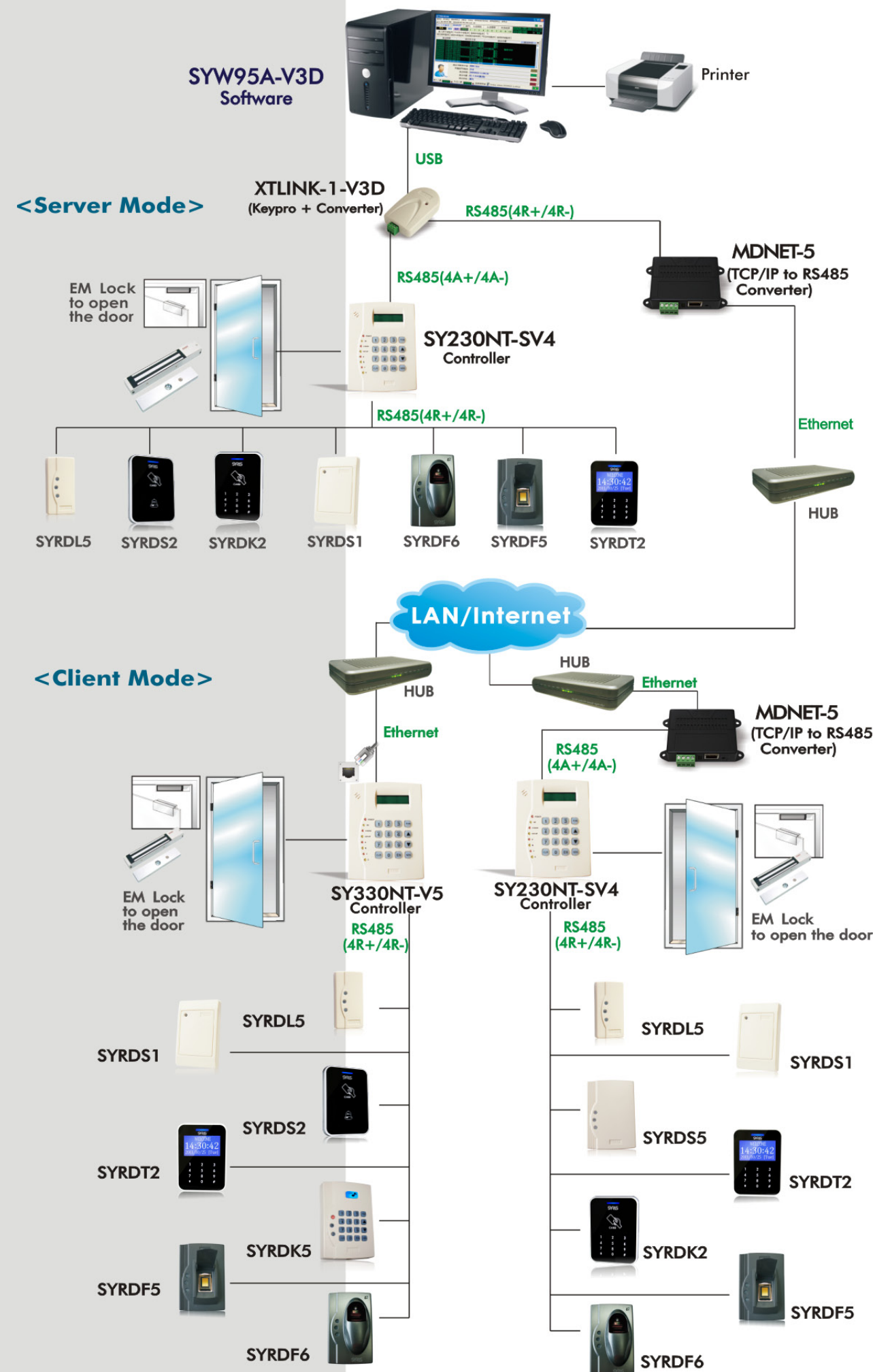
- Dimensions(mm) : 107W x 138H x 22D



Card & Key Chain

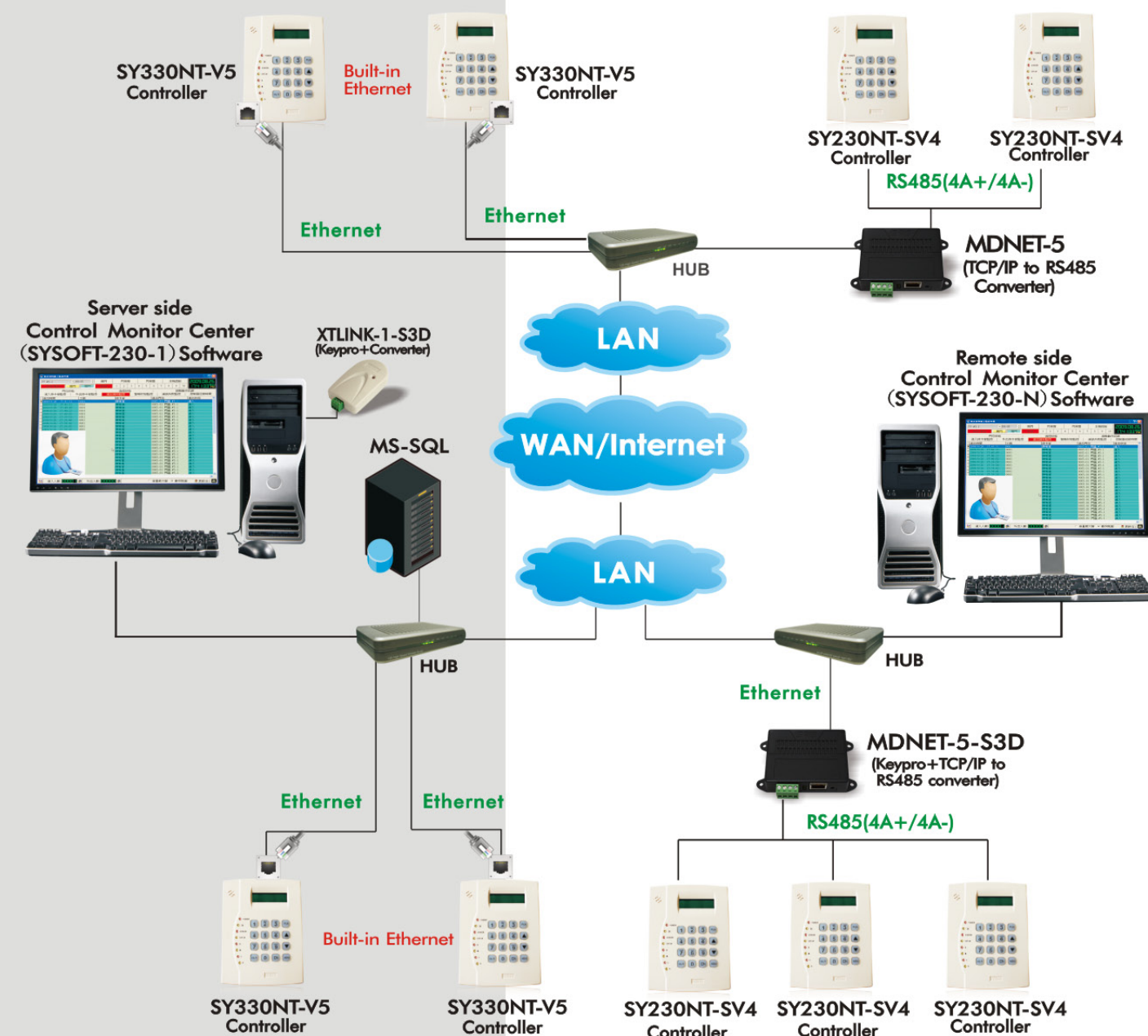


- Item : Thick Card & ISO Card & Key Chain.
- Frequency : EM/Temic (125KHz) & Mifare (13.56MHz)
- Memory : 64bits (125KHz) & 1K/4K byte(13.56MHz) · 512bits (13.56MHz)
- Function : Read only & R/W.



SYSOFT-230 Serial

System Network Diagram



★ The above scenario can support to connect controller number up to 9,999.

❖ This specification is preliminary and subject to change without prior notice.

Dec 2013 Copyright © SYRIS Technology Corp.



THE RFID TOTAL SOLUTION PROVIDER



syris.com

First Choice of Access Control Products

SYRIS sales@syris.com

