

SY250NT/SY350NT Multi-Door Controller



❖ SY250NT/SY350NT

>>>> Feature

- The application of last innovative control are warehouses, factories, laboratories, offices, hospitals, military bases, banks, computer rooms, parking space, elevators, and other areas with access restriction.
- 36,000 card holders, 1,000,000 records and control of up to sixteen doors.(required at least 256MB free spaces of SD memory card)
- Built-in RISC 16-bit CPU to support multi-task environment.
- Support multiple proximity, keypad, biometric, smart card and RS485/Wiegand reader.
- Embedded control unit to support working under off-line condition with computer.
- Support 10/100 high-speed Ethernet network. (SY350 only)
- Auto detects reader on-line status.

SPECIFICATION

Items / Specs	SY250NT	SY350NT
Ethernet port	--	10BASE-T/100BASE-TX port, 10/100Mbps auto-sensing
Door control	8 doors	
Number of card*	36,000 cards	
Number of readers	16 readers	
Capacity of records	1,000,000 records	
SD Card	256MB or higher	
Reader Interface	RS485	
Wiegand Interface	Optional External Wiegand Module	
Input points	12, Extendable to 128	
Output points	4, Extendable to 128	
Communication ports	RS485 x 2, RS232 x 1	
Baud rate	19,200bps (4,800bps~230,400bps)	
Timer / Time zone	99 Timer / 250 Time zone	
Group and APP Set / Holidays	250 Groups / 366 Holidays	
Controller ID	0001 to 9999 for IP Address	
Controller Serial No.	8 digits	
Extension module	SYRIS series module	
Anti-passback	3 level	
Keypad / LCD display	16 Keys / 128 x 64 Dots	
Language	Multi-language (English/T-Chinese/S-Chinese)	
Support Software	SYSOFT	
Speaker output / Power supply	Built-in (max 0.5W) / 8V to 28V DC or 9V to 24V AC	
Operating TEMP.	-20°C to 70°C	
Indicator	5 LED(ESN/ASN) or 8 LED(PSN)	
Tamper switch	None(ESN) or Built-in(ASN/PSN)	
Dimensions(mm)	123W x 165H x 28D(ESN) /135W x 175H x 55D(PSN) /204W x 291H x 80D(ASN)	

*This specification is preliminary and subject to change without prior notice

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Applicable items for standalone

- SY350NT/SY250NT series Controller
- 125KHz · 13.56MHz reader · Fingerprint Reader · Long range reader

Applicable items for networking

- SY350NT/SY250NT series Controller
- 125KHz · 13.56MHz reader · Fingerprint Reader · Long range reader

Application of SYSOFT management system

- Access control: SYSOFT
- Lift control
- Real-time message transmission
- Power control (lightening, air-conditioner)
- Central control
- Patrol system
- Fire alarm
- DVR system
- Catering management
- T&A: SYSOFT-TAM
- Fingerprint Management: SYSOFT-FPM



Ordering information

SY250NT-Item	ESN Type	
SY250NT	ESN	PCB board, 5LED
SY250NT	PSN	Plastic case, 8LED
SY250NT	ASN	Aluminium case, 5LED

SY350NT-Item	ESN Type	
SY350NT	ESN	PCB board, 5LED
SY350NT	PSN	Plastic case, 8LED
SY350NT	ASN	Aluminium case, 5LED

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