

## SY700NT Multi-Door Controller



SY700NT

### Feature

- The application of last innovative control are warehouses, factories, laboratories, offices, hospitals, military bases, banks, computer rooms, parking lot, elevators, and other areas with access restriction.
- We supply two different kind of housing: Plastic housing (PC + ABS), PCB only.
- 150,000 card holders, 1,000,000 records and control of up to eight doors <with additional MDDIDO module, able to control maximum 128 doors.> (Required at least 256MB free spaces of SD memory card)
- Support different kind of database. (MS Access, MS SQL, and Linux MySQL)
- Support multiple proximity, keypad, biometric, smart card and long range, RS485/Wiegand reader.
- Support 10/100 high-speed Ethernet network.
- Build-in Proximity reader. (125 KHz or 13.56MHz)

## SPECIFICATION

Items / Specs	SY700NT	SY700NT-L1	SY700NT-M1
Built-in Reader	--	125KHz	13.56MHz
Door control		8 doors	
Number of card*		150,000 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		8, Extendable to 128	
Output points		4, Extendable to 128	
Ethernet port		10BASE-T/100BASE-TX port, 10/100Mbps auto-sensing	
Communication port		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	
Anti-passback		3 level	
Keypad / Indicator		16 Keys / 3 Indicators	
LCD display / Speaker output		128 x 64 Dots / Built-in (max 0.5W)	
Language		Multi-language (English/T-Chinese/S-Chinese)	
Tamper switch / Power supply		Built-in / 8V to 28V DC	
Weather proof / Operating TEMP.		YES / -20°C to 70°C	
Dimensions (mm)		91W x 143H x 37D	

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

### Applicable items for standalone

- SY700NT series Controller
- 125KHz · 13.56MHz reader · Fingerprint Reader · Long range reader

### Applicable items for networking

- SY700NT 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
- Catering management
- DVR system
- T&A: SYSOFT-TAM
- Fingerprint Management: SYSOFT-FPM



### Ordering information

Item	Type	
SY700NT-L1		No built-in reader
SY700NT-L1		Built-in 125KHz reader x 1
SY700NT-M1		Built-in 13.56MHz reader x 1

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