



**IDC3101** - Single Door Controller  
**IDC3102** - Double Door Controller  
**IDC3104** - Four Door Controller

## IDC3100 Series Networked Door Controller

- 32-bit high-speed processor TCP/IP network communication, with self-adaptive network interface and secured encrypted communication data.
- Maximum 20 digit card number, up to 100,000 cards (expandable up to 200,000) and 300,000 events (expandable up to 600,000).
- Supports multi-door interlocking function, anti-passback, multi-card, first card, super card and super password function.
- Supports alarm event upload (including tamper-proof alarm, unsecured door alarm, forced entry alarm, delayed door alarm, duress card and code alarm, blacklist alarm and alarm for invalid card swiping attempts).
- Short circuit attempts alarm and open circuit attempts alarm. Supports zone alarm input.

### Technical Specification

Processor	32-bit, 16 Mb. Built-In Clock.		
Communication Interface	Uplink: TCP/IP, RS-485 Downlink: RS-485, Wiegand (W26, W34)		
Storage	100,000 cards (expandable to 200k) 300,000 events (expandable to 600k)		
LED Indicators	Power Supply Status, Communication, Working Status		
Card Reader	IDC3101 - 2 Card Readers (RS-485/Wiegand) IDC3102 - 4 Card Readers (RS-485/Wiegand) IDC3104 - 8 Card Readers (RS-485) - 4 Card Readers (Wiegand)		
Input Interface	IDC3101	IDC3102	IDC3104
Alarm Input	4	4	4
Door Sensor	1	2	4
Exit Button	1	2	4
Case Input	2	4	8
Tamper Alarm	1	1	1
Output Interface	IDC3101	IDC3102	IDC3104
Lock Relay	1	2	4
Alarm Relay	2	4	4
Power Supply	12 Vdc, 1A		
Working Condition	-20°C ~ 65°C; 10% ~ 90% (non-condensing)		
Dimensions (WxHxD)	370 x 345 x 90 mm		

- Supports RS485 interface and Wiegand interface for accessing card reader. Wiegand interface supports W26/W34 and is seamlessly compatible with third-party card reader with Wiegand interface.
- Supports various card types such as normal/ disabled/ blacklist/ patrol/ guest/ duress/super card, etc.
- Status indicators to show device status.
- Supports time synchronization via NTP, standby battery and watchdog for device running status detection.



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