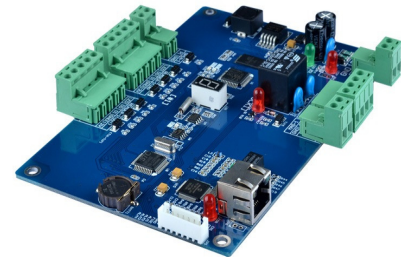


## GDS-PCB01 TCP/IP Single Door Controller



Function Introduction	
Conventional Function	Offline operation; real time supervision; photo display; mass storage; flexible user privilege setup; remote unlocking; multi-user supervision; quick setting; convenient checking and query; revisable and printable report form; report form; report can be exported to excel file; card+password unlocking; alarm for long time unclosing; alarm for invalid card swiping; first card unlocking; alarm for illegal break in; unlocking at definite time; e-map etc.
Professional function	For professional users such as bank, cash house, telecom station, power supply station, prison and police station: interface locking; intimidation alarm; integrated fire control; anti-pass back and anti-tail; interlocking; multi-card unlocking; emergency double locking; in door population checking; unlocking based on internal and external validation.
All-in-one-card management system	Normal shift and multi-shifts time attendance management system; fixed ration dining management system; meeting attendance management system; online patrol management system and security alarm management system.
Parameter	
Communication	RS232, RS485 no need jumper and adaptive 9600 bps
English Software supportable database:	Access and SQL
Description	Control 1 door, get in and out door by swiping card, or get in by swiping card and get out door by button
Power Supply	12VDC 4-7A
Power Consumption of Circuit Board	Less than 100mA
Input Format of Reader	Wiegand 26 bits (All card reader with compatible protocol, such as Motorola, HID, EM, Mifare one etc..)
Quantity of Readers	2pcs
Door Controlled	1
Door opening time extending setting	1-600 seconds(adjustable)
Max q ' ty of controller	N*256PCS
	Remark: N denotes q'ty of computer serial port or q'ty of 485 hub port,

	support 256pcs ports
Operation Temperature	minus 40°C-70°C
Operation Humidity	10-90 % RH , No Condensation
Q'ty of users	20,000 Users
Q'ty of Event Buffers(offline)	100,000 event buffers
Power interruption protection measure	High Speed Memory, Records never lose
Max Distance from Reader to Controller	100m (suggestion distance 80m)
Max Distance between Controllers	RS232: Communication Distance less than 13m, suggestion distance is 3m or less
	RS485: bus line max length 1200m, suggestion length 1000m or less, if expansion device added, the distance could be 3000m
	TCP/IP: Depends on net coverage area
Collocations	PCB board, case, power, power line, serial port communication line, software, manual, certificate, key(2pcs), carton
Alarm for long time door open, illegal break in, intimidate	Yes
Fire and alarm linkage	If no connection with the expansion board, only has software interface alarm, and drive the computer speaker. If connected with expansion board, is able to alarm by hardware, if connected with strengthened expansion board, then is able to Security alarm
Compulsive open and close door at long time	Yes
Open door in remote distance	Yes
Inter block	No
Anti pass back and tail	Yes
Multi-card open door	Yes
Open long time at specified time	Yes
Electronic map	Yes
Urgency locking	Yes
First card unlocking	Yes
Unlock based on internal and external validation	Yes
Keypad (card+ password, supper password)	Yes
Size	160mm *106mm
Unit Packing Way	Brown box
Unit Packing Size	21x13.8x5.5cm
Accessories	User Manual, warranty card