

# C520/NT

Metal Shell Proximity Card & Pin Code Access Control

Vandal-proof



## About

The C520 access control keypad and card reader uses the latest microprocessor technology to operate control the opening and closing functions of automatic gates, electric strikes, and most security systems that require a momentary (timed) or latching dry contact.

All programming is done through the keypad. Codes and operating parameters are stored within the microprocessor and cannot be lost due to power failure.

The C520 can store 1000 proximity cards and 1000 users with 4 digit password codes. Each 4 digit password code has 10,000 possible combinations.

## Key Features

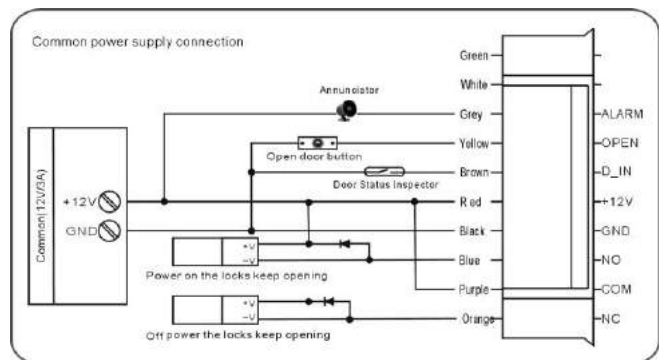
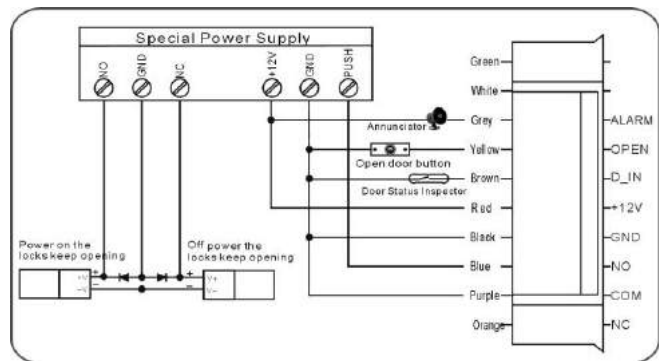
- ✓ Metal shell, anti-vandal, Fireproof, Shockproof.
- ✓ C520: 1000 User, C520NT: 1000 User, 1000 Records, Wiegand26, RS485
- ✓ Can be used as only keypad;
- ✓ Support password, card, card+ password
- ✓ Can be used as master controller or slave reader
- ✓ WG : wiegand output (Optional C520/WG)
- ✓ Very low power consumption(20mA)
- ✓ Anti-magnetic & lock output current short protect;
- ✓ So easy for connection of the lock: only 2 wires output, selecting lock type by programming menu;
- ✓ 2 pcs can be communicated; Double-door interconnected
- ✓ Full of 1000 users, recognizing speed <20ms.
- ✓ Size: 82mm x 128mm x 28mm.



Rain Shield

## Technical Specification

Model NO.	C520
Metal Shell Proximity Card & Pin Code Access Control	
DC Supply Voltage	Low voltage input 12Vdc unregulated
Current Consumption	100mA @ quiescent maximum
Door Relay:	3Amp 12Vdc
Alarm output load	150mA pull current
Memory	Nonvolatile EPROM memory
Codes	1 Master, 1000 cards and 1000 codes
Keypad	12 keys, 3 LED status indicators
Card Types	EM or EM compatible
Induction Distance	5-8cm
Wiring Connections	Electric lock Remote Request to Exit Door open detection External Alarm
Tamper Protection	Negative loop, normally closed
Keypad Housing	Metal
Operating Temperature	-10°C to 60 °C(14°F to 140°F)
Dimensions	82mm x 128mm x 28mm
Weight	500g



### F510C (same plus)

- 160 Finger, 2000 Proximity Card
- Wiegand 26, (Connect to C520/NT)



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