



GD-FC500

Access Control Integrated Machine (QR + Smart Card + NFC + Bluetooth)



GD-FC500 Access Control Machine is a new generation of Access Systems. The access terminal works in parallel QR CODE + Smart Card + NFC + Bluetooth and Keypad as an option.

GD- FC500 is Standalone Unit and also supports multiple communications protocols such as Wiegand and TCP/IP.

The appearance of the product adopts the standard 64 box industry standard. The operation speed is fast, the recognition rate is high, Bluetooth reading distance up to 30 meters. GD-FC500 has strong compatibility and it is widely used in the residential communities.

GD-FC500 works also as cloud based with professional and multi functions Smart Mobile App either for Android & IOS. And Web App.

Technical Characteristics

Specifications	
Access Methods	Smart Card NFC QR Bluetooth
Card Type	Mifare 13.56 MHz & Desfire v1, v2, v3
Communication Method	TCP/IP via internet
Interface Type	Relay
Access control function	Unlock - 1 channel (NO/NC) Gate sensor 1 channel input (NO/NC) Exit switch - 1 output switch with 1 signal input Voltage input - 8 ~ 24v wide voltage input Speaker - 8Ω1W
Swipe offline	Supports real-time uploading of the device's card swipe, QR Code, Exit Switch, Alarm Trigger, Door Magnetic Event, Password
Card holders capacity	Online with the Cloud Server
Bluetooth range	Multi Range Access 5 ~ 30 meters
Software function	Create and share QR Encrypted visit invitation with access rules Add users card data from the cloud
Indication method	Red, green, blue, white indication and light Beep

DATA SHEET



GD-FC500

Imaging sensor	300,000 pixel COMS sensor
Product material	Imported PC & tempered glass
Sensor resolution	QR, PDF417, CODEE39, CODE93, CODE128, ISBNN10, ITF,EAN13 etc.
Reading range	0-4cm (Smart cards) / 0-20cm (QR Code) / 5 ~ 30 meters Bluetooth
Dimensions (L*W*H)	113.5 * 75.8 * 21.5mm
Cabling	100m (20 AWG), multi-conductor, stranded, 6 cores, with an overall foil shield
Working voltage	12V/1A
Standby current	62 mA
Working temperature	-20 – 70 °C
Working humidity	10% ~ 90%
Conserve humidity	10% ~ 90% Non-condensed
Environmental sealing	IP64
Drop	Designed to withstand 1.8M drops to concrete 300 TIMES
Net weight	200 g
Packing weight	400 g
Certification	CE, FCC, ROHS, IEC60950, IEC62471, EN55022, EN55024, EN61000-3, IEC62321, EN60950, EN60529



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Specifications are subjects to change without notice.
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