



PIXELS CONNECT PTE LTD

Waterproof Touch Fingerkey & Reader PIX-PCHF1

- ❄️ Capacitive Fingerprint Sensor, touch keypad
- ❄️ One relay, 1000 users (988 common users + 2 panic users + 10 visitor users)
- ❄️ Card Type: 125KHz EM Card / 13.56Mhz Mifare Card
- ❄️ Wiegand 26~44bits, 56bits, 58 bits input & output
- ❄️ Can be used as Wiegand reader with LED & buzzer output
- ❄️ User data can be transferred (except fingerprint users)
- ❄️ Integrated alarm & Buzzer output
- ❄️ Built-in light dependent resistor (LDR) for anti tamper
- ❄️ Backlit keypad, can set automatic OFF after 20 seconds
- ❄️ 2 devices can be interlocked for 2 doors
- ❄️ Bluetooth function or Big user capacitive for optional



PIX-PCHF1 is a waterproof standalone fingerprint access controller with touch keypad and metal case.

IP66 waterproof makes it very suitable for outdoor use. It supports up to 1,000 users (988 common users + 2 panic users + 10 visitor users), with Wiegand 26~44, 56, 58 bits input & output, it can also work as a slave reader to connect to a 3rd party controller.



Waterproof Touch Keypad
Standalone/Controller/Reader



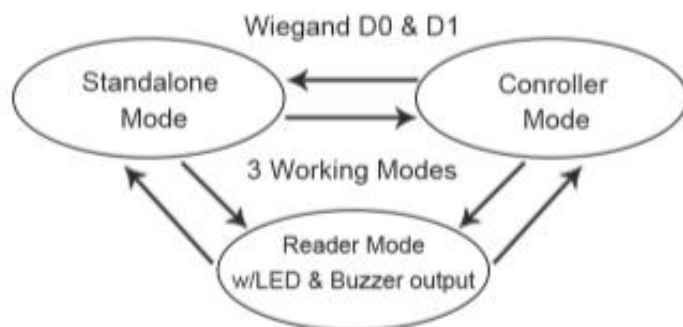
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One relay, 1000 users
988 common users
2 panic users
10 visitor users



Capacitive Fingerprint Sensor
Touch keypad
Backlit keypad, can set
automatic OFF after 20 seconds

Convertible working
modes, more possibilities





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Data 0

Data 1



Wiegand 26~44bits,
56bits,58 bits input & output

User data can be transferred by Wiegand line.

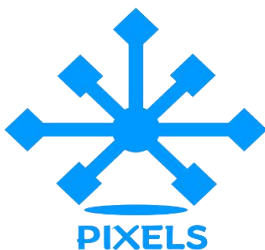
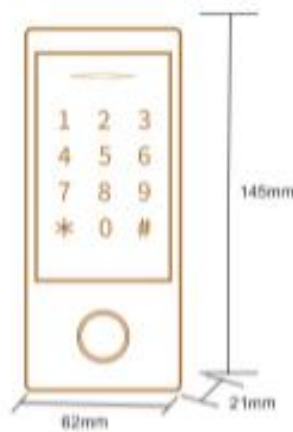
User Capacity Common User Visitor User Panic User	1000 988 (100 Fingerprint Users + 888 PIN/Card Users) 10 2
PIN Length	4~6 digits
Operating Voltage Idle Current Active Current	12~28V AC/DC ≤ 60mA ≤ 150mA
Proximity Card Reader Radio Technology Read Range	EM or Mifare 125KHz/13.56MHz 2~6cm
Wiring Connections	Relay output, exit button, alarm, door contact, Wiegand input/output
Relay Adjustable Relay Output Time Lock Output Load	One (NO, NC, Common) 0~99 Seconds (5 seconds default) 2 Amp Maximum
Wiegand Interface PIN Output	EM card version: Wiegand 26~44 bits input & output (Factory default: Wiegand 26bits) Mifare card version:Wiegand 26~44 bits,56bits,58bits input & output (Factory default: Wiegand 34bits) 4 bits,8bits (ASCII),10 digits Virtual Number(Factory default:4bits)



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Environment Operating Temperature Operating Humidity	Meets IP66 -30°C ~ 60°C (-22°F ~ 140°F) 0%RH ~ 98%RH
Physical Color Dimensions Unit Weight Shipping Weight	Zinc-Alloy Sliver & Black L145 x W68 x H25 (mm) 500g 615g

Product Size



CCTV

Analog Camera, IP Camera
Dome & Bullet Cameras
Hidden Cameras
4K Cameras
PTZ Cameras



Wireless Cameras

Panoramic Camera
4K Action Camera | Car Cameras
Battery Cameras
WiFi Door Bells
Hidden Cameras



Biometric Devices

Fingerprint | Face | Card |
Access PIN Reader
Electromagnetic Lock
Exit Button | Break Glass
Video Door Intercom



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