

F7 Fingerprint Door Access Keypad Reader is an user friendly and it supports traditional wiegand output and also ACX scramble RS485 encryption output to ensure the data cannot be snooped by external device, totally solve the wiegand signal transmission problem.

1000 fingerprint templates on device, each fingerprint represents a unique card number, card number in any format, max. 64 bits length. If the user fingerprint template cannot be enrolled, then use keypad for access, access granted setting depends on door access panel setting.



FEATURES

- Optical fingerprint sensor, 512 bytes
- High quality material reader cover and water proof design
- Keypad adopts touch sensor technology, overcome the membrane keypad problem
- Infra red light tamper design, overcome the mechanical defects
- Easy fingerprint enrollment by ACX Fingerprint Management Software
- 1000 access fingerprints with an unique card number, card number in any format
- RED / Green / Blue or mixed color LED, user defined LED ON / OFF time interval
- Internal buzzer, user defined buzzer ON / OFF time interval

SPECIFICATION

F7 Fingerprint Keyad Reader Enroller (Template on Device)	
Model Number	F780
Water Proof	Infra-RED optical Sensor, 20mm x 15mm
Fingerprint Templates	1,000 fingerprint templates with uniq card number. Fingerprint template in 512 bytes
Card Number	Card number in any format, maximum length is 64 bits
Response Time	Less than 1 second
False Acceptance Rate	Less than 0.001% (Operation level = 3)
False Reject Rate	Less than 1.0% (Operation level = 3)
Reader Output	Wiegand format or ACX scramble RS485
Reader Wires	Power, Ground, Wiegand D0, Wiegand D1, RS485(A), RS485(B), Green LED / ACK, Buzzer, Hold and shield wires (Pigtial) LAN Port for fingerprint template download
Installation	Mullion type, for door frame installation
Visual Indicator	LED bar in RED , Green & Blue color, user defined mixed color and ON / OFF time interval (ms)
Audio Indicator	Internal buzzer, user defined beep sound ON / OFF time interval (ms)
Keypad	Water proof touch sensor technology, 12 Key, 0 to 9, *, #
Color	Black or White
Dimension	150mm x 44mm x 36mm
Product Weight	130g
Operating Voltage	9-16 VDC
Operating Current	Average 80mA DC, peak 150mA DC
Operating Temperature	-20° C to +60° C
Operating Humidity	10% to 90% relative humidity non-condensing
Housing Material	Polycarbonate
Cable Distance	Wiegand interface: 500 feet (150 m), RS485 interface: 4000 feet (1200 m) Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent
Reader Installation Height	It is recommended that the center of the card reader be 135 meters above the ground