ACX | DESIGN INNOVATIONS

F6

Contactless Smart Card Keypad Reader is an user friendly and high security physical Access Control reader, it is water proof design that suitable for different indoor and outdoor installation environment, it made by high quality material and with touch sensor keypad technology to ensure enhanced reliability and long-term duration.

Reader wiegand output can direct connect to any wiegand door access panel. The reader high security data encryption output which works with ACX 2080 Gateway ensure the data cannot be snooped by external device, totally solve the wiegand signal problem.

FEATURES

- Waterproof Contactless Technology Keypad Reader

- EM 125KHz technology available

- RED / Green / Blue or mixed color LED bar, user defined LED ON / OFF
   time interval

- Internal buzzer, user defined buzzer ON / OFF time interval

- User define wiegand pulse interval to serve different door access panel

- User defined "I am alive" feature

- Touch sensor keypad, overcome the membrane keypad problem

- Reader firmware ungradable

- Standard mode : wiegand output to wiegand door access panel, RS485 to
   host for reader communication

- Secure mode : high security data encryption output, work with ACX 2080
   Gateway avoiding card data snooped

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SPECIFICATION

F6 Contactless Smart Card Keypad Reader	
Model Number	91LF06-9613
Card Technology	EM
ISO Standard	NA
Transmit Frequency	125 KHz
Typical Read Range	ISO card : 6cm ; Keyfob : 3cm Typical read range achieved in air; different types of metal will cause some degradation Use spacers to space product off metal and improve read range if required.
Communication	Standard mode : Wiegand output Secure mode : RS485; connect to ACX 2080 Gateway, ACX 2080 Gateway wiegand output to door access panel
Reader Firmware	Reader firmware upgradable in off-line mode
I Am Alive	User define 1 bytes "I am alive" data in a certain interval, apply for wiegand interface
Multi Card Format	Fixed card number output (1 to 64 bits), parity bits disable / enable
Wiegand Output	User define wiegand pulse interval for different door access panel
Reader Wires (10 wires)	Power, Ground, Wiegand D0 / ABA Data, Wiegand D1 / ABA Clock, ABA card present, RS485(A), RS485(B), Green LED / ACK, Buzzer, Hold and shield wires
Mounting	Design for door frame installation
Visual Indicator	LED bar in RED , Green & Blue color, user defined mixed color and ON / OFF time interval
Audio Indicator	Internal buzzer, user defined beep sound ON / OFF time interval (ms)
Color	Dark Gray or White
Dimension	44mm x 128mm x 20mm
Product Weight	140g
Operating Voltage	9-16 VDC, Linear supply recommended
Operating Current	100mA AVG, 120mA PEAK
Operating Temperature	-31º to 150º F (-35º to 65º C)
Storage Temperature	-67º to 185º F (-55º to 85º C)
Operating Humidity	5% to 95% relative humidity non-condensing
Certification	IP67, IK06, CE 0700, RoHS
Panel Connection	Pigtail
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

CE   RoHS COMPLIANT   IP67   IK06