

AY-Q65 / AY-Q55

Vandal Resistant Programmable Readers (Piezoelectric Keypad)

The AY-Q65 Prox & Pin Reader and AY-Q55 Pin readers can be programmed function with a variety of controllers.

GENERAL DESCRIPTION & FEATURES

The AY-Q65 and AY-Q55 are Intended for interfacing to host access control panel through Wiegand and Clock & Data protocols (Multi-Format).

Proximity Card (AY-Q65) data is sent to the host in either 26-Bit Wiegand or Clock & Data formats. Keypad Data is sent in one of several Wiegand or Clock & Data formats.

Multi-Format settings are programmed entirely through the Piezoelectric Keypad Interface.

Here are some other features:

- ▶ Weatherproof Vandal Resistant Enclosure
- ▶ Built in Multi-Format Proximity Card Reader (AY-Q65)
- ▶ Read Range: 65mm (AY-Q65)
- ▶ Built in Multi-Format Piezoelectric Keypad for PIN code entry
- ▶ Internal Buzzer
- ▶ Built in Case and Back Tamper
- ▶ Comes with security screw and security screw tool
- ▶ Two Status / Programming Interface LED's
- ▶ Comes with mounting template for easier installation.



AY-Q65
Prox & Pin Reader
Piezoelectric Keypad



AY-Q55
Pin Reader
Piezoelectric Keypad

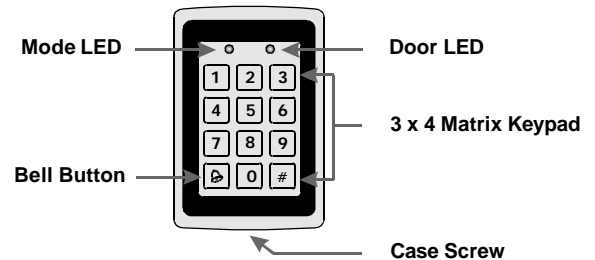
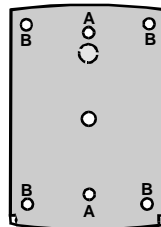
EASY INSTALLATION

US Gang Box

There are two hole indicators on the back of the metal cover specifically for the US Gang Box. (Marked as A)

4 Screw Custom

There are four indicators on the back. (Marked as B)



SPECIFICATIONS

Electrical Characteristics

Operating Voltage Range:

5 to 16V DC From a Regulated Power Supply

Maximum Input Current:

Standby: 40mA
Max: 130mA

Built-In Proximity Reader (AY-Q65) (Clock & Data and 26-Bit Wiegand)

Read Range* 2.5" (65mm)
Modulation ASK at 125kHz
Compatible Cards All 26-Bit EM Cards

Built in Multi-Format Piezoelectric Keypad for PIN code

Single Key, 6-Bit Wiegand, Rosslare Format
Single Key, 6-Bit Wiegand, Nibble and Parities
Single Key, 8-Bit Wiegand, Nibbles complemented
4 Keys Binary & Facility Code, 26-Bit Wiegand
1 to 5 Keys + Facility Code, 26-Bit Wiegand
6 Keys BCD and Parities Bits, 26-Bit Wiegand
Single Key, 3x4 Keypad (MD-P64)
4 Keys Binary, Clock and Data

LEDs

Two Bi-colored LEDs

Environmental Characteristics

Operating Temperature: -25°F to 145°F (-31°C to 63°C)

Operating Humidity: 0 to 95% (Non-Condensing)
Suitable for outdoor use. (IP 56)

Mechanical Characteristics

Dimensions:

4.72" (120mm) L x 3" (76mm) W x 1" (27mm) D

Weight:

0.9 lbs (410g)

* Measured using Rosslare Proximity Card (AT-11/12) or equivalent. Range also depends on electrical environment and proximity to metal.

Dealer Information Box:



Rosslare Enterprises Ltd.

www.rosslare.com.hk



Copyright Rosslare Enterprises Ltd 1999.