

**KEYPADS**

ACCESS CONTROL SYSTEMS

**AY-S55**

The AY-S55 Pin readers (keypad) can be programmed to function with a variety of controllers. PIEZO meets mullion and US sizes in the rugged, anti-vandal 2 x 6 matrix keypads. Our FeatherTouch™ AY-S55 models have style and elegance with a light touch. The feel of the keys made during years of electro mechanical R&D, is world class. Compatible with third par.

**FeatherTouch™ Multiformat PIEZO 2 x 6 Matrix PIEZO PIN reader:** Advanced enough to let you select from 8 output format options, fully potted and made of a special PIEZO metal construction. A 6-wire tail ensures easy connection to the controller. These readers feature a flat surface that is easy to clean for sanitary purposes, yet is difficult to tamer with, especially using glues and corrosive, or conductive fluids.

This reader is designed to interface to host access control panels through Wiegand and Clock Data protocols (Multi-Format).

Multi-Format settings are programmed entirely through the piezoelectric keypad interface.



**FEATURES**

- Weatherproof, vandal-resistant enclosures
- Built-in multi-format piezoelectric keypad for PIN code entry
- Internal buzzer
- Built-in case and back Tamper
- Includes security screw and security screw tool
- Two status/programming interface LEDs
- Mounting template for easy installation



**SPECIFICATIONS**

**Operating Voltage Range**

5 -16 VDC from a regulated power supply

**Maximum Input Current Standby:** 40 mA Read: 130 mA

**Built-in multi-format standard 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
- 4 keys binary, Clock & Data

**LEDs**

Two-bi-colored LEDs

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

**Mechanical Characteristics**

**Dimensions:** AC-S55 5.91" (150mm) L x 1.65" (42mm) W x 1" (27mm)