

# AY-Q64 Vandal Resistant Proximity Reader With Integral Keypad



## GENERAL DESCRIPTION

These Vandal proof and weatherproof potted readers are designed to provide extra security options and are compatible with the Villa Monitor Panels.

## FEATURES

- Weather and Vandal resistant enclosure
  - Read Range Up to: 6cm depending on environment
  - Programmable output format
  - RF modulation: 125KHz, ASK
  - Two status/programming LEDs
  - LED control input
  - Built-in optical tamper detection
  - Internal buzzer
- CE, UL and FCC approved

## Access Control

### SPECIFICATIONS

#### Electrical Characteristics

**Operating Voltage:**  
5 - 16V DC (Linear PSU  
Recommended)

**Input Current @ 12V DC:**  
Standby: 40mA  
Read: 130mA

**Tamper Output:**  
Open collector, active low  
(maximum current: 16mA)

**Maximum Cable Distance**  
150m (500ft.)

#### RF Modulation

125 KHz, ASK

#### Output Formats

- Proximity Reader
- 26 bit Wiegand
  - Clock and Data

#### Environmental Characteristics:

**Operating Temperature  
Range:**  
-31° C to +63° C

**Humidity:**  
0 - 95% (non-condensing)  
Suitable for outdoor use  
(IP44)

**Dimensions:**  
120mm x 76mm x 27mm