

AY-Q12/AY-Q14 Vandal Resistant Proximity Reader



GENERAL DESCRIPTION

These weatherproof potted readers are designed with both 26bit Wiegand and Clock and Data formats. They are compatible with all Villa Monitor Panels.

FEATURES

- Vandal resistant enclosure
- Weatherproof
- Read Range Up to: 6cm depending on environment
- RF modulation: 125KHz, ASK
- LED colour control input
- Built-in optical tamper detection
- Internal buzzer
- CE, UL and FCC approved

Technical Specifications

Electrical Characteristics

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

Input Current @ 12V DC:
Standby: 35mA
Read: 110mA

Tamper Output:
Open collector, active low
(max. current: 16mA)

Maximum Cable Distance
150m (500ft.)

RF Modulation
125 KHz, ASK

Compatible Cards
All EM H4002 cards

Environmental Characteristics

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

Humidity:
0 – 95% (non-condensing)
Suitable for outdoor use (IP56)

Dimensions:
120mm x 76mm x 27mm