

# AY-H20

## Advanced Multi-Format RFID Proximity Reader

**AY-H20 is a powerful RFID proximity card reader of 125 KHz cards and tags, featuring multi-format protocol and a read range of up to 100 mm (3.94 inches). With a sleek design and a tough, UV-resistant, water-resistant casing, the AY-H20 is equally suited to indoor and outdoor use. Economical and reliable.**

**Certified compliance with all leading International Safety and Access Control standards.**

## General Description

The AY-H20 with multi-format output reads RFID 125 KHz ASK-type EM cards from a range of up to 100 mm (3.94 in.)\*.

Designed for easy mounting with hidden screws (security screws may be used to enhance strength) and cover. Optical tamper adds protection against wall removal, and the buzzer adds audible RFID card read. LED control can give system based information to the end user.

The AY-H20 is crafted out of the finest materials and to the highest manufacturing standards under ISO 9001:2000 Certified Quality standards.



## Main Features

- Backed by International Guarantee and service with ISO9001 (Certified TUV Rhineland) level business and manufacturing operations.
- Wide range operating voltage: 5 to 16VDC.
- Excellent RFID card read range of up to 100 mm (3.94 in.).
- Multi-format output: Wiegand 26-Bit, clock & data, and RS-232.

### PROFESSIONAL GRADE FEATURES

- RF modulation: ASK at 125 kHz.
- Internal buzzer.
- LED color control input.
- Optical wall tamper detection.
- Water-resistant with epoxy potting (IP65) suitable for indoor and outdoor applications.
- Made of tough polycarbonate UV-resistant plastic.
- Includes mounting template for easier installation.

