HID®

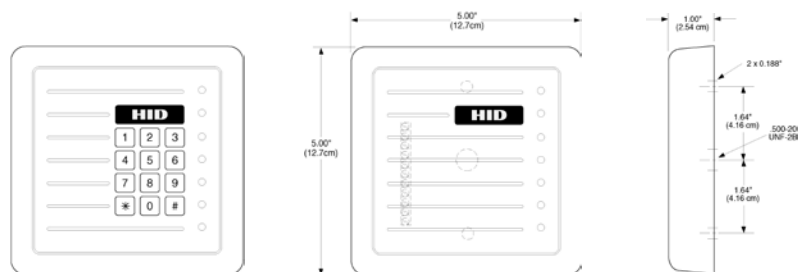# ProxPro® Reader

125 KHZ VERSATILE PROXIMITY CARD READER

The ProxPro® proximity card reader's weatherproof design and architecturally attractive enclosure allows easy mounting indoors or out. The ProxPro Reader is ideal for applications requiring a larger read range.

- Affords high reliability, consistent read range characteristics, and low power consumption in a single, easy-to-install package.
- Features multicolor LED, internal or host control of the LED, and/or beeper and a beeper "off" switch for silent operation.
- Provides Wiegand protocol interface compatibility with all standard access control systems.
- Offers an optional, fully integrated personal identification number keypad for heightened security.
- Can be mounted to glass (using the optional glass mounting kit).
- For a longer read range, try the new generation ProxPro II Reader, which provides an additional inch (2.5 cm) of read range, requires just 5 volts for operation, and is lower-priced than the ProxPro Reader!

FEATURES

- **Security** – Includes a tamper switch to provide notification of reader tampering. Recognizes card formats up to 84 bits, with over 137 billion unique codes.
  *Except Model 5352 which supports up to 37-bit formats.

- **Audiovisual Indication** – When a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. The multicolor LED and beeper can also be controlled individually by the host system.

- **Diagnostics** – On reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper, and initializes reader operation. An additional external loop-back test allows for the

reader outputs and inputs to be verified without the use of additional test equipment.

- **Indoor/outdoor Design** – Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance. Easily installed in any location, even with the optional keypad.

- **Easily Interfaced** - Interfaces with all existing Wiegand protocol access control systems. Output data in Wiegand or Clock-and-Data format, plus optional RS232 and RS422 serial interfaces.

- **Options** – Keypad operation, Custom label, Glass Mount Kit: 5455AGM00

SPECIFICATIONS

***Model Name**	**ProxPro®**
Model Number	5355: Wiegand Interface/Clock-and-Data (configurable) 5352: Serial Interface
****Read Range**	ProxCard® II card - up to 8" (20 cm) ISOProx® II card - up to 7" (17.5 cm) DuoProx® II card - up to 7" (17.5 cm) Smart ISOProx® II card - up to 7" (17.5 cm) Smart DuoProx® II card – up to 7" (17.5 cm) HID Proximity & MIFARE® card – up to 7" (17.5 cm) ProxCard® Plus card - up to 3" (7.5 cm) ProxKey® II key fob - up to 3" (7.5 cm) MicroProx® Tag – up to 4" (10.2 cm) ProxPass® Active Vehicle Tag – N/A
Mounting	Mounting holes fit standard U.S.A. single-gang switch boxes (vertically mounted) to simplify installation. Field adjustable for mounting directly to metal, exhibiting only minimal effects on read range. A selectable jumper setting provides for improved performance.
Color	Gray or Beige
Keypad	Optional
Dimensions	5.0" x 5.0" x 1.0" (12.7 x 12.7 x 2.54 cm)
Power Supply	10-28.5 VDC; Linear power supplies recommended. Reverse voltage protection included.
Power Requirements (Standard Power)	Average: 100 mA (12 VDC) Peak: 120 mA (24 VDC)
Operating Temperature	-22° to 150° F (-30° to 65° C)
Operating Humidity	0-95% relative humidity noncondensing
Transmit Frequency	125 kHz
Environmental	IP55
Cable Distance	Wiegand or Clock-and-Data interface: 500 feet (152 m) RS-232 interface: 50 feet (15 m) RS-422 interface: 4000 feet (1219 m) Recommended cable is ALPHA 1295 (22 AWG) 5 conductor stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control. RS-422 requires ALPHA 6212C 2-Twisted Pair, shielded cable with drain wire, or equivalent for data, plus ALPHA 1292C two-conductor shielded or equivalent for DC power.
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), MIC (Japan), iDA (Singapore), RoHS
Housing Material	UL94 Polycarbonate
Warranty	Lifetime

*Consult How to Order Guide for specific ordering instructions.
**Dependent upon installation conditions

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