



Using the latest techniques in advanced surface mount technology, the Pro Series readers from HID offer high reliability, consistent read range characteristics and low power consumption in a single, easy installation package.

The reader head contains a single chip microprocessor which decodes the signal from the card and transmits it to the reader head. Once verified, the proximity reader head transmits a signal to the reader electronics. To send out another data stream, the card must be removed from the general proximity of the reader head and be presented again.

A variety of proximity cards are available including keytags, PVC printable cards and clamshell style badge.

MiniProx Readers:

- Available with Wiegand or Clock-and-Data interface
- Allows easy upgrade from magstripe to proximity reader; no rewiring or pulling of new cable required
- Mounts directly onto metal with no change in read range performance

MaxiProx Readers:

- Long read range distance, up to 22"
- Autotune allows read range to be maintained within four inches of metal
- Wiegand, Clock-and-Data and selectable serial outputs available
- "Parking Hold" feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes

ThinLine II Readers:

- Housed in a two-piece, weatherproof potted enclosure (unobtrusive)
- Easily installed and maintained with the use of replaceable covers
- Available with a Wiegand or Clock and Data interface

F E A T U R E S

- Pro Series readers use an advanced signal processing technique to communicate with proximity cards and keytags
- All proximity readers operate on low power for extended reader operation
- Pro Series readers are designed to provide protection against reader tampering
- The Pro Series readers are sealed in a rugged, weatherized polycarbonate enclosure to withstand harsh environments
- An LED indicator on the Pro Series readers visually confirms a successful read
- Pro Series readers are warranted for two years from date of shipment
- Available with Wiegand or Clock-and-Data interface
- Weatherproofed for use both indoors and out
- Provides high reliability, consistent read range characteristics and low power consumption in a single, easy-to-install package

ProxPro® Plus Readers:

- Combines the popular features of the ProxPro® reader with a thin, inconspicuous housing, longer read range and new mounting configurations
- Standard capabilities include multicolor LED, internal or host control of LED and/or beeper and beeper “off” switch for silent operation
- Offers Wiegand protocol interface compatibility with all standard access control systems

ProxPro® Readers:

- Internal or host control of 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 (PIN) keypad for heightened security

ORDERING INFORMATION

Order #	Description
PRPNTPLBK	HID ProxPoint Plus Reader, 3", Black
PRPNTPLCG	HID ProxPoint Plus Reader, 3", Charcoal Gray
PRPNTPLWH	HID ProxPoint Plus Reader, 3", White
PR-MINI-PROX	HID 5 Volt MiniProx Reader, 4"
PR-THIN	ThinLine II Switch Plate Reader, 5", Black
PR-P-PRO	HID Prox-Pro Reader, 8"
PR-PRO-GM	ProxPro Plus w/Glass Mount
PR-P-MB	Glass Mount for PR-P-PRO
PR-PROXPRO-K2	HID ProxPro Reader with integrated Keypad 8"
PR-MAX-PRO	HID MaxiProx Reader, 22" (requires PS1-24E and (2) BAT-12V-7A)

SPECIFICATION CHART:

	PROXPOINT PLUS	MINIPROX	THINLINE II	PROXPRO	MAXIPROX
Description	Digital proximity reader with max. read range	Digital proximity reader for door mullions	Proximity card reader, single-gang box mounting	Digital proximity reader single-gang US (keypad or glass-mount optional)	Digital proximity reader w/ increased read range For parking control
Dimensions	3.135 x 1.72 x 0.66 in / 7.96 x 4.37 x 1.68 cm	6.0 x 1.7 x 1.0 in / 15.2 x 4.3 x 2.54 cm	4.70 x 3.0 x 0.68 in / 11.9 x 7.6 x 1.7 cm	5.0 x 5.0 x 1.0 in / 12.7 x 12.7 x 2.54 cm	11.8 x 11.8 x 1.0 in / 30.0 x 30.0 x 2.54 cm
Max. read range¹	Up to 3 in / 7.5 cm	Up to 5.5 in / 14 cm	Up to 5.5 in / 14 cm	Up to 8 in / 20 cm	Up to 8 in / 20 cm
Environment	Indoor / Outdoor				
Transmit frequency	125 kHz				
Power source	5-16 VDC	5-16 VDC	5-16 VDC	10-28.5 VDC	12 or 24 VDC
Current	Current (DC) Average 30 mA, Peak 75 mA	Average: 30 mA (5 VDC); 20 mA (12 VDC) Peak: 110 mA (5 VDC); 110 mA (12 VDC)	Average: 30 mA (5 VDC); 20 mA (12 VDC) Peak: 110 mA (5 VDC); 115 mA (12 VDC)	Average: 100 mA (12 VDC) Peak: 120 mA (24 VDC)	DC Current at 12V: Avg. 200mA, Peak 700mA DC Current at 24V: Avg. 260mA, Peak 1.2A
Indicators	Single tri-color with buzzer audio indicator (green – yellow – red)				
Tamper protection	Includes a tamper switch to provide electronic notification of reader tampering				
Humidity	0-95% relative humidity non-condensing				
Temperature	-22° to 150° F / -30° to 65° C				
Weight	2.7 oz. / 75 g	3.5 oz. / 100 g	3.3 oz. / 95 g	12 oz. / 335 g	51 oz. / 1.4 kg
Color	Gray, Beige, Black or White	Gray, Beige, Black or White	Gray, Beige, Black or White	Gray or Beige	Charcoal
Certifications	Canada/UL 294 Listed: Access Control System Units; FCC Certification, United States; Canada Certification; CE Mark, Fifteen EU Countries under the R&TTE Directive (EN60950 - ITE Electrical Safety, EN 300 330 - SRD, and ETS 300 683 - EMC) IEC60950, ITE CB Scheme Electrical Safety; Australia C-Tick Mark; New Zealand EMC.				

¹ Maximum read range might vary depending on physical environment of installation and credential used. HID is a registered trademark of HID corporation.

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