

# DigiReader® Series

## DR4200 Series Digital Proximity Readers



The award-winning design of the DigiReader® Series is merely the most obvious of the features that sets this powerful family of proximity credential readers apart from competition. Engineered and manufactured by the company that invented proximity access control, DigiReader Series Digital Proximity Readers (DigiReaders) use our most advanced Digital Signal Processing technology to generate the longest ranges available for passive proximity, and to assure fast and dependable reads that keep even the heaviest traffic moving quickly through secure areas.

DigiReader Series provides an impressive array of solutions to meet the access control needs of any facility, including: low-cost solutions that are priced competitively with less secure technologies; a DigiReader with an integrated keypad for added security; mullion-mount and glass-mount versions.

## FEATURES

- Family of advanced digital proximity readers provide flexible, affordable, secure Nexsentry options
- Choose the right model for specific applications:
  - Mullion-mount
  - Glass-mount
  - Low-cost
  - Integrated keypad
  - Extended read range
- “Excellence in Design” winner from Applied Manufacturing and Business Week magazines
- Utilizes our most advanced Digital Signal Processing that meets or exceeds the most demanding low-power US, European and Asian Electro Magnetic Interference (EMI) regulations
- Three-color LED activity and programmable audible tones provide access status and communicates building security modes
- Hands-free technology with audible and visual tones make access easier for disabled, helps facilities comply with Americans with Disabilities Act
- Longest read ranges available for passive proximity
- Fast read times makes access convenient, keeps traffic moving
- Easy installation with industry standard, low-cost RS-485 wiring
- Will read HID digital cards to 43-bit

Along with providing true hands-free access, DigiReaders communicate cardholder access status and building security mode with programmable audible tones and tricolor lights; these features help facilities meet strict requirements of the Americans with Disabilities Act by making secure areas more access-friendly to disabled card holders.

DigiReader's advanced digital technology is reliable, difficult to compromise and exceeds the most demanding low-power US, European and Asian Electro Magnetic Interference (EMI) regulations. Like all of our access control products, DigiReader is built to last; special construction makes DigiReader nearly impervious to inclement weather and vandalism.

# DigiReader® Series

## DR4200 Series Digital Proximity Readers

### FEATURES AND SPECIFICATIONS

	DR4200K	DR4201W	DR4203	DR4205, DR4205K	DR4208, DR4208K, DR4208SGM	DR4220
<b>Description</b>	Keypad only	Smallest reader for US Gangbox	Mullion	Different designs/ mounting in family	Different designs/ mounting in family with increased read range	Maximum read range
<b>Dimensions</b>	5.3" H x 5.74" W x 1.5" D (13.5cm H x 14.6cm W x 3.8cm D)	4.75" H x 3.25" W x 0.65" D (12.07cm H x 8.26cm W x 1.65cm D)	7.5" H x 1.9" W x 1.2" D (19cm H x 4.7cm W x 3.1cm D)	<b>DR4205</b> 5.3" H x 5.74" W x 1.27" D (13.5cm H x 14.6cm W x 3.2cm D) <b>DR4205K</b> 5.3" H x 5.74" W x 1.5" D (13.5cm H x 14.6cm W x 3.8cm D)	<b>DR4208/DR4208SGM</b> 5.3" H x 5.74" W x 1.27" D (13.5cm H x 14.6cm W x 3.2cm D) <b>DR4208K</b> 5.3" H x 5.74" W x 1.5" D (13.5cm H x 14.6cm W x 3.8cm D)	14.3" H x 12.4" W x 1" D (36.3cm H x 31.5cm W x 2.5cm D)
<b>Compatible Cards</b>	N/A	QuadraKey, NexKey, KeyMate, HID Proximity	QuadraKey, NexKey, KeyMate	QuadraKey, NexKey, KeyMate	QuadraKey, NexKey, KeyMate, HID Proximity	QuadraKey, NexKey, KeyMate, HID Proximity
<b>Max. Read Range<sup>1</sup> for QuadraKey, NexKey</b>	N/A	1.5" (3.75cm)	3" (7.6cm)	4" (10cm)	<b>DR4208/DR4208SGM:</b> 8" (20cm) <b>DR4208K:</b> 4" (10cm)	18" (46cm)
<b>Max. Read Range<sup>1</sup> for KeyMate</b>	N/A	1.0" (2.5cm)	1.0" (2.5cm)	2" (5cm)	<b>DR4208/DR4208SGM:</b> 4" (10cm) <b>DR4208K:</b> 2" (5cm)	10" (25cm)
<b>Max. Read Range<sup>1</sup> for HID Cards to 43 bit</b>	N/A	1.0" (2.5cm)	N/A	N/A	6" (15.2cm)	N/A
<b>Regulatory Approvals<sup>3</sup></b>	UL/CUL, FCC, CE, Industry Canada*					
<b>Operating Temperature</b>	<b>DR4200K, DR4203, DR4205K, DR4208K, DR4220:</b> -31 to 150° F (-35 to 66 °C), Indoor/Outdoor <b>DR4201, DR4205, DR4208, DR4208SGM:</b> 32 to 120° F (0 to 49 °C), Indoor Only					
<b>Operating Humidity</b>	10-85% relative humidity					
<b>Operating Voltage Range</b>	12.5 – 28 VDC					
<b>Current</b>	70mA peak	80mA peak			250mA peak	500mA peak
<b>Tamper Output</b>	Switch tamper built in					
<b>Output Interfaces (all built-in)</b>	Shielded 22 AWG, dual twisted pair, RS-485 S-NET, or Wiegand					
<b>Indicators</b>	Single tri-color LED (green-yellow-red) with buzzer audio indicator					
<b>Warranty</b>	1 year <sup>2</sup>					

<sup>1</sup> Actual operating distance will vary depending upon installation environment and proximity to metal.  
<sup>2</sup> See Honeywell Access Systems' Sales Policy for complete warranty details.  
<sup>3</sup> \* = submitted/pending.

DigiReaders is a registered trademark of Honeywell International Inc.  
HID is a registered trademark of HID corporation.

## ORDERING

<b>92042000000</b>	DR4200K, Gray Keypad Reader	<b>92042085000</b>	DR4208K, Gray Reader with Keypad
<b>92042011000</b>	DR4201W, Smallest Gray Reader for US Gangbox	<b>92042200000</b>	DR4220, Long Distance Reader (available 1st Quarter 2006)
<b>92042030000</b>	DR4203, Gray Mullion Reader	<b>92042000300</b>	Trim plate for DR 4201 DigiReader
<b>92042050100</b>	DR4205, Gray Reader	<b>92042000100</b>	Standoff for DR 4205/4208 DigiReader – Intended for 2814 & 2815 reader replacements
<b>92042052100</b>	DR4205K, Gray Reader with Keypad	<b>92042000200</b>	Trim plate for DR 4205/4208 DigiReader – Intended for 2814 & 2815 reader replacements
<b>92042081000</b>	DR4208, Gray Reader with longer read range		
<b>92042083000</b>	DR4208SGM, Glass-mount Gray Reader		

For more information: [www.honeywellaccess.com](http://www.honeywellaccess.com)

### Honeywell Security

Honeywell Access Systems  
2700 Blankenbaker Pkwy, Suite 150  
Louisville, KY 40299  
1.800.675.3364  
[www.honeywell.com](http://www.honeywell.com)

92995100012 revE  
April 2007  
© 2007 Honeywell International Inc.