DIGIREADER® SERIES
DR4200 SERIES DIGITAL PROXIMITY READERS

- • 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 mode

- • 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

SYSTEM OVERVIEW

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.

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.

Honeywell

Technical Specification					
	DR4201W	DR4203	DR4205, DR4205K	DR4208, DR4208K, DR4208SGM	DR4220
DESCRIPTION	Smallest reader for US Gangbox	Mullion	Different designs/ mounting in family	Different designs/ mounting in family with increased read range	Maximum read range
DIMENSIONS	4.75" H x 3.25" W x 0.65" D (12.07cm Hx 8.26cm W x1.65cm D)	7.5" H x 1.9" W x 1.2" D (19cm H x 4.7cm W x 3.1cm D)	**DR4205** 5.3" H x 5.74" W x 1.27" D (13.5cm H x 14.6cm W x 3.2cm D) **DR4205K** 5.3" H x 5.74" W x 1.5" D (13.5cm H x 14.6cm W x 3.8cm D)	**DR4208/DR4208SGM** 5.3" H x 5.74" W x 1.27" D (13.5cm H x 14.6cm W x 3.2cm D) **DR4208K** 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)
COMPATIBLE CARDS	QuadraKey, NexKey, KeyMate, HID Proximity	QuadraKey, NexKey, KeyMate	QuadraKey, NexKey, KeyMate	QuadraKey, NexKey, KeyMate, HID Proximity	QuadraKey, NexKey,KeyMate
MAX. READ RANGE1 FOR QUADRAKEY, NEXKEY	1.5" (3.75cm)	3" (7.6cm)	4" (10cm)	DR4208/DR4208SGM: 8" (20cm) DR4208K: 4" (10cm)	18" (46cm)
MAX. READ RANGE[1] FOR KEYMATE	1.0" (2.5cm)	1.0" (2.5cm)	2" (5cm)	**DR4208/DR4208SGM:** 4" (10cm) **DR4208K:** 2" (5cm)	10" (25cm)
MAX. READ RANGE1 FOR HID CARDS TO 43 BIT	1.0" (2.5cm)	N/A	N/A	6" (15.2cm)	N/A
REGULATORY APPROVALS[3]	UL/CUL, FCC, CE, Industry Canada*				
OPERATING TEMPERATURE	DR4203, DR4205K, DR4208K, DR4220: –31 to 150° F (–35 to 66 °C), Indoor/Outdoor DR4201, DR4205, DR4208, DR4208SGM: 32 to 120° F (0 to 49 °C), Indoor Only				
OPERATING HUMIDITY	10-85% relative humidity				
OPERATING VOLTAGE RANGE	12.5 – 28 VDC				
CURRENT	80mA peak			80mA peak	80mA peak
TAMPER OUTPUT	Switch tamper built in				
OUTPUT INTERFACES (ALL BUILT-IN)	Shielded 22 AWG, dual twisted pair, RS-485 S-NET, or Wiegand				
INDICATORS	Single tri-color LED (green-yellow-red) with buzzer audio indicator				
WARRANTY	1 year[2]				

1 Actual operating distance will vary depending upon installation

environment and proximity to metal.

2 See Honeywell Access Systems' Sales Policy for complete warranty details.

3 * = submitted/pending.

ORDERING

92042011000	0 to 95% RHNC
92042030000	DR4203, Gray Mullion Reader
92042050100	DR4205, Gray Reader
92042052100	DR4205K, Gray Reader with Keypad

ORDERING

92042081000	DR4208, Gray Reader with longer read range
92042083000	DR4208SGM, Glass-mount Gray Reader
92042085000	DR4208K, Gray Reader with Keypad
92042200000	DR4220, Long Distance Reader

For more information,
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