



## Award winning technology and design

The award-winning design of the DigiReader Series is merely the most obvious of the features that sets this powerful family of readers apart from competition. Engineered and manufactured by the company that invented proximity access control, the DigiReader Keypad Reader uses our most advanced technology to assure fast and dependable reads that keep even the heaviest traffic moving quickly through secure areas.

## Durable touch-keypad reader

The DR4200K is a durable touch-keypad reader. It has a wide operating temperature range which makes it ideal for indoor and outdoor use. The DR4200K is RS-485 and Wiegand compatible in addition to supporting the following NexWatch controllers:

- NexSentry Star Series
- PW-Series
- NexSentry 4100 Series
- Alto 818 Series
- SE422 Series

## FEATURES

- Compatible with NexWatch Controllers:
  - Star Series
  - PW-Series
  - 4100 Series
  - Alto 818 Series
  - SE422 Series
- Wide operating temperature range
- RS-485 and Wiegand compatible
- Durable 10-key keypad that is ideal for Indoor and Outdoor use



**DR4200K DIGIREADER KEYPAD**

	<b>DR4200K</b>	<b>DR4201<sup>2</sup></b>	<b>DR4203</b>	<b>DR4205 Series</b>	<b>DR4208<sup>2</sup></b>	<b>DR4220</b>
<b>Description</b>	DS4205K look-alike, keypad only	Smallest reader for "light switch" type mountings <b>HID compatible</b>	Digital proximity reader for door mullions	Different designs and mounting within series	Digital proximity reader w/ increased read range <b>HID compatible</b>	Digital proximity reader with max. read range
<b>Dimensions</b>	5.3 x 5.74 x 1.5 in./ 13.5 x 14.6 x 3.8 cm	4.75 x 3.25 x 0.65 in. / 12.07 x 8.26 x 1.65 cm	7.5 x 1.9 x 1.2 in / 19 x 4.7 x 3.1 cm	5.3 x 5.74 x 1.27 in / 13.5 x 14.6 x 3.2 cm <b>DR4205K</b> 5.3 x 5.74 x 1.5 in./ 13.5 x 14.6 x 3.8 cm	5.3 x 5.74 x 1.27 in / 13.5 x 14.6 x 3.2 cm <b>DR4208K</b> 5.3 x 5.74 x 1.5 in./ 13.5 x 14.6 x 3.8 cm	14.3 x 12.4 x 1 in. / 36.3 x 31.5 x 2.5 cm
<b>Max. read range<sup>1</sup></b>	N/A	Up to 1.5 in. / 3.75 cm	Up to 3 in / 7.6 cm	Up to 4 in./ 10 cm	Up to 8 in. / 20 cm Up to 4 in (DR4208K)	Up to 20 in. / 50 cm
<b>Environment</b>	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
<b>Transmit frequency</b>	N/A	140 kHz, full duplex operation				
<b>Receiver frequency</b>	N/A	70 kHz				
<b>Receiver demodulation</b>	N/A	Phase-shift key (PSK) signal				
<b>Card read cycle<sup>2</sup></b>	N/A	100 msec				
<b>Power source</b>	12.5-28 VDC, less than 80 mA max. powered via S-Net twisted pair wire	12.5-28 VDC, 50 mA max. powered via S-Net twisted pair wire	12.5 – 28 VDC, less than 80mA. Powered via S-Net twisted pair wire			12.5 – 28 VDC, 0.6 amp nominal; Powered via S-Net twisted pair wire
<b>Power dissipation</b>	Less than 2 watts	Less than 1.4 watts	Less than 2 watts			Less than 17 watts
<b>Interface to controller</b>	Shielded 22 AWG, dual twisted pair, RS-485, S-Net communications, Wiegand.					
<b>Indicators</b>	Single tri-color with buzzer audio indicator (green – yellow – red)					
<b>Tamper protection</b>	Protected against address switch tampering					
<b>Humidity</b>	10 – 90% condensing		10 – 70% condensing		5 – 90% condensing	10 – 90% condensing
<b>Temperature</b>	-31° to 150° F / -35° to 66° C	-31° to 150° F / -35° to 66° C	-31° to 150° F / -35° to 66° C	-31° to 150° F / -35° to 66° C	-31° to 150° F / -35° to 66° C	-4° to 140° F / -20° to 60° C
<b>Weight</b>	Less than 1 lb. / 500 g	4 oz. / 120 g	Less than 1 lb./ 500 g.	Less than 1 lb. / 500 g	1.5 lbs. / 700 g	Less than 5 lbs. / 2.3 kg.
<b>Color</b>	Charcoal					
<b>Certifications</b>	USA & Canada: UL 294 & FCC Part15 B Europe: CE mark Approval					
<b>ADA compliant</b>	Special features for easing disabled access include: hands-free access, audible and visual indicators to indicate access status.					
<sup>1</sup> Maximum read range might vary depending on physical environment of installation. See "DigiReader / Credential Read range Matrix" for approximate read ranges with specific credentials. <sup>2</sup> Using keys produced after 7/7/98 HID is a registered trademark of HID corporation.						

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