

MR-1824™

**Sentinel-Prox MR-1824™**

The Sentinel-Prox Medium Range (MR) reader stands out among its competitors for mid-range proximity readers. The MR-1824 is in a class by itself with an industry best 18-24 inches in a compact 8 × 8 × 1 inch enclosure. No more misreads, or fumbling to get the card closer to the reader. The MR-1824 reads at maximum range every time. And, it does so at an unprecedented 600 mA at 12 VDC. It is designed for indoor- or outdoor-mounting applications.

The MR-1824 reader electronics are potted with a UL-approved epoxy to seal them against adverse environmental conditions. The MR-1824 is manufactured in an ISO 9000 certified facility providing for the highest quality standard. It is highly reliable and warranted for life. It comes in dark gray. The high-tech styling of this reader, combined with its superior range, is impressive. It has both Wiegand and RS-232 protocol interfaces and is compatible with all standard access control systems.

The two-piece construction of the Sentinel-Prox MR-1824 makes installation simple and quick.

Features

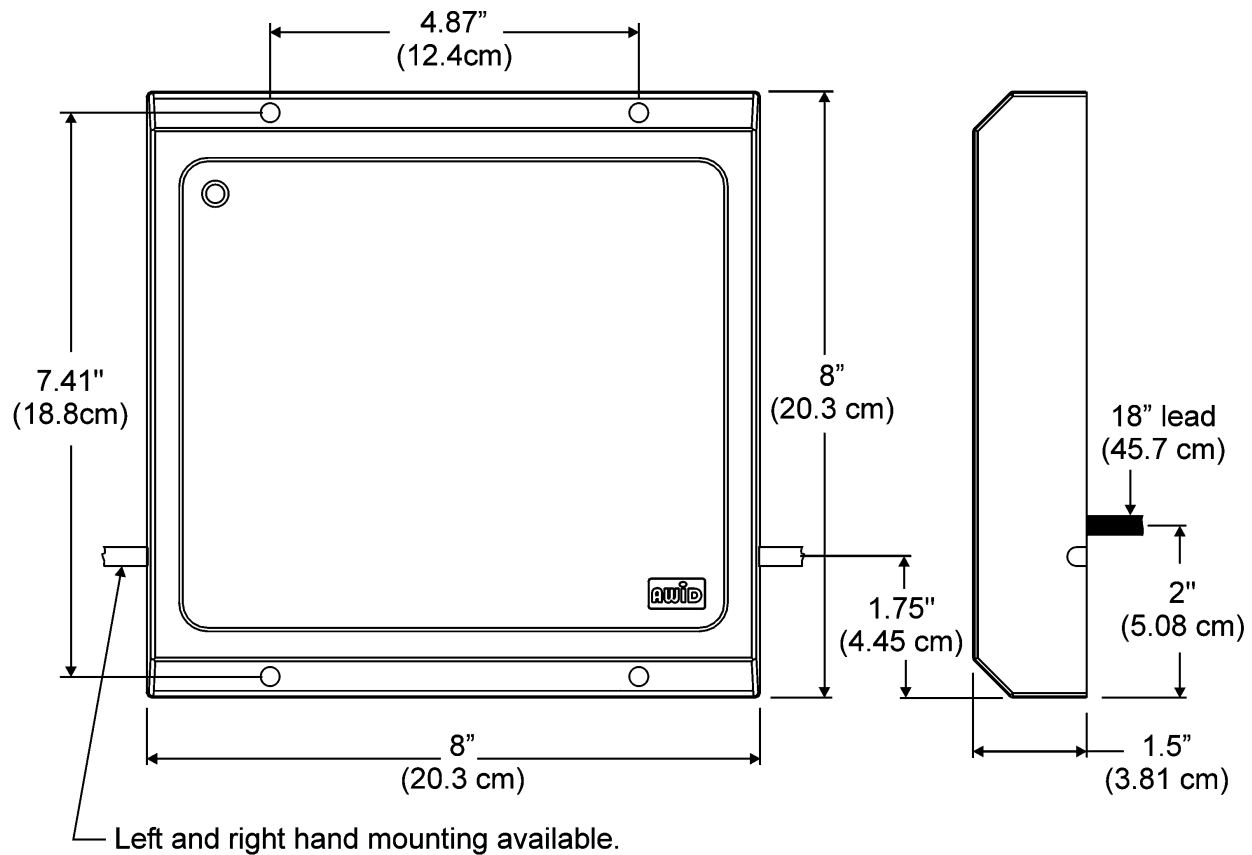
- Read range of 18" with 250mA @ 5 VDC or 24" with 600mA @ 12 VDC
- Electronics potted with epoxy compound for weather resistance
- LED for visual feedback, Piezo for audio feedback
- Compatible with all Wiegand access control systems
- Channeled housing allows for rear or side mounting
- Proximity technology, no contact required
- Metal-compensated version available, for mounting on metal surface.
- Industry-standard Wiegand and RS-232 data output

Specifications

MR-1824™

Read Range:
18-24" (46-61 cm)
Transmitting Frequency:
125 kHz
Voltage:
5-12 VDC
Current Requirement:
250-600 mA
Audio Alarm:
4 kHz burst
Output Format:
Wiegand™ and RS-232

Operating Temperatures:
-31° to 150° F (-35° to 65° C)
Operating Humidity:
0-95% non-condensing
Weight:
25 oz. (709 g)
Color:
Dark gray
Cable:
5 conductor (#22 AWG) stranded with continuous shield for typical Wiegand installations
Certifications:
Complies with FCC Part 15, Industry Canada



Warranty:
Lifetime warranty against defects in material and workmanship when installed according to AWID's installation instructions. See complete warranty statement for further details.

Disclaimer:
Specifications subject to change without notice. AWID reserves the right to make changes to improve performance without impacting form, fit or function

This product is protected by U.S. patents No. 5,594,384, 6,377,176 and 6,307,517.

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Applied Wireless ID
382 Route 59, Section 292
Monsey, NY 10952

Tel: (845) 369-8800
Fax: (845) 369-1195
Internet: <http://www.awid.com>