RDR-4 PROXIMITY READER
For AXS-100/AXS-100XT Access Control Systems

Technical Specifications

Product Description

The RDR-4 is a 125 KHz, EM 4100 compatible; indoor/outdoor proximity reader for the VisAccess AXS-100 and AXS-100XT access control systems.

Designed to be wall mounted outside the protected area, the RDR-4 features low power consumption, high reliability, and consistent read ranges (up to 100mm/4.0 inches), irregardless of card or tag orientation.

Housed in an IP67 water rated protective housing, the RDR-4 is ideal for high-traffic, indoor/outdoor environments.

Technical Specifications

General	
Power	5.0 VDC nominal ± 5%
Current	Less than 10mA
Power Source	All AXS-100/AXS-100XT access controller
Frequency	125 KHz
ISO Card Standard	EM 4100
Tag Codes	10^{12} possible combinations
Read Range	Up to 100mm (4.0 inches). Actual range depends on card/tag type & mounting surface
LED Status Indicator	Green: Valid card/tag Red: In-valid card/tag Amber: Idle and properly powered
Housing	IP67 environmental protection rated enclosure
Color	Metallic brown
Dimensions (H x W x D)	116 x 70 x 16.8mm (4.5 x 2.76 x 1.62 inches)
Weight	121.5 grams (4.3 ounces)
Temperature & Humidity	-20° to 50°C (-4° to 122°F) 20% to 90% non-condensing
Minimum Distance Between Readers	60cm (2.0 ft.)
Maximum Distance from Controller	10 meters (32.8 feet)
Warranty	One year limited warranty

Order Details

Part Information	
3-6303-0	RDR-4, Proximity reader, Metallic Brown
3-6304-1	RDR-4B, Proximity Reader, 12v/50mA Output, Metallic Brown
3-6304-2	RDR-4B/W, Proximity Reader, 12v/50mA Output, White
Compatible Accessories	
3-6317-0	RDR-BACK, mounting spacer for metal surfaces

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About Visonic Technologies

Visonic Technologies, a fully owned subsidiary of Visonic, Ltd. (VSC.L) is a global leader in enterprise-class, active and passive RFID/ RTLS real-time visibility solutions. Distributed under the Elpas, SpiderAlert, VisAccess and EIRIS system names the company's products deliver personnel identification and safety; supply-chain logistics, asset protection and facility supervision.