AY-U910

UHF Integrated Long-Range Reader

The AY-U910 is an RFID long-range proximity card reader that is compatible with multiple protocols and can read multiple tag formats.
The reader is suitable for outdoor use in a wide range of RFID applications, such as transport management, vehicle management, car parking, production process control, and access control.

GENERAL DESCRIPTION

The AY-U910 is the solution for security situations that require a long-range proximity reader.
The reader is both easy to install and easy to use.

MAIN FEATURES

- Read range up to 12 m (39.4 ft) (adjustable)*
- Read Sensitivity: Dual polarization read mode

PROFESSIONAL GRADE FEATURES

- Wiegand 26-Bit (Custom: Wiegand 34-Bit)
- Comes with an installation bracket kit and RS-232 cable
- Suitable for outdoor (IP-54)
- Maximum Cable Distance: 150 m (500 ft)

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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

▪	Operating Voltage Range	9 to 12 VDC (2 A)
▪	Input Current	Standby: 0.2 A max, Read: 1.2 A max
▪	Card Read Distance	Up to 12 m (39.4 ft) (adjustable) * Read range was tested with Rosslare's LT-UVS-26A-3000 card
▪	Transmission Protocol	Wiegand 26-Bit (Custom: Wiegand 34-Bit)
▪	Maximum Cable Distance	150 m (500 ft)
▪	Frequency	AY-U910US: 902–928 MHz (America) AY-U910C: 920–925 MHz (China) AY-U910EU: 865–868 MHz (Europe)
▪	Read Sensitivity	Dual polarization read mode
▪	Cards and Tags	Rosslare's LT-UVS-26A-3000 and LT-UVH-26A-7000 ISO18000-6B Tags EPC GEN2 (ISO18000-6C) Tags

ENVIRONMENTAL SPECIFICATIONS

▪	Operating Temp. Range	-20°C to 80°C (-4°F to 176°F)
▪	Operating Humidity Range	0 to 95% (non-condensing) Suitable for outdoor use (IP54)

PHYSICAL SPECIFICATIONS

▪	Dimensions	44.5 x 44.5 x 6.7 cm (17.5 x 17.5 x 2.6 in.)
▪	Weight	2.3 kg (5.1 lb)

SYSTEM COMPONENTS	The AY-U910 is compatible with standard access controllers.
PRODUCT WARRANTY	2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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