

AY-DR12W

Indoor Proximity Reader



The AY-DR12W IS A SLIM AND STYLISH READER COMPLIMENTS ANY DÉCOR. IT IS PERFECT FOR LOCATIONS WITH LIMITED ACCESS OR WHERE SPACE IS AT A PREMIUM.

The AY-DR12W IS PACKED WITH ADVANCED FEATURES SUCH AS AN ULTRA-BRIGHT LED INDICATOR, TAMPER DETECTION FEATURE, AND AN INTERNAL BUZZER WITH A READING RANGE OF 80 mm (3.2 in).

GENERAL DESCRIPTION

Rosslare's AY-DR12W Indoor Proximity Reader is ideal for residential and commercial applications.

Easy to install and operate, the slim AY-DR12W features an internal buzzer, tamper detection with a reading range of 80 mm (3.2 in).

MAIN FEATURES

- Wiegand 26-bit reader
- Reading distance: 80 mm (3.2 in)
- Internal buzzer provides audible interface feedback
- Bi-colored ultra bright LED indicator
- Fits US Gang box
- Indoor use

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

| | |
|---------------------------|------------------------------------------------------------------------------------------|
| ■ Operating Voltage Range | 12 to 16 VDC from a regulated power supply (power usually supplied from host controller) |
| ■ Input Current | Standby: 25 mA at 12VDC Maximum: 60 mA at 12VDC |
| ■ LED Control Input | Dry contact, Normally Open (N.O.) |
| ■ Tamper Output | Open collector, active low, 32 mA max sink current |

BUILT-IN PROXIMITY READER

| | |
|------------------------|-----------------------------------------------------------------------------|
| ■ Read Range* | 80 mm (3.2 in) * Measured using a Rosslare proximity card or equivalent. |
| ■ RF Modulation | ASK 125 kHz |
| ■ Transmission Formats | 26-Bit Wiegand |
| ■ Compatible Cards | 26-bit EM cards |

ENVIRONMENTAL SPECIFICATIONS

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|-------------------------------|--------------------------------|
| ■ Operating Environment | Suitable for indoor use |
| ■ Operating Temperature Range | -31°C to 63°C (-25°F to 145°F) |
| ■ Operating Humidity Range | 0 to 95% (non-condensing) |
| ■ RFI Protection | > 20 V/m up to 1000 MHz |

PHYSICAL SPECIFICATIONS

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|--------------------------|-----------------------------------------|
| ■ Dimensions (L x W x D) | 122 x 74 x 18.5 mm (4.8 x 2.9 x 0.7 in) |
| ■ Weight | 100 g (3.53 oz) |

SYSTEM COMPONENTS

The AY-DR12W is compatible with Rosslare's Access Controllers supporting single/double/multi-door controllers and 3rd party Access controllers supporting 26-Bit Wiegand format

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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