

AYC-W6500

PIN and Proximity Reader with Fingerprint Verification

The sleek and compact design of Rosslare's new AYC-W6500 biometric high security reader belies its versatility and multi-faceted capabilities. Utilizing an award-winning algorithm, the unit provides highly accurate fingerprint recognition, along with the options of PIN code or proximity card reading, for the ultimate in ID verification security.

General Description

The AYC-W6500 is a highly reliable biometric reader that not only offers the traditional PIN code and proximity card reading, but also utilizes a fingerprint verification module that is second to none.

Simple to install and use, the AYC-6500 sports a modern design that includes a backlit keypad, convenient finger placement design and small footprint.

A host of additional standard Rosslare features round out the package, such as extra inputs and outputs, friendly setup menus, and straightforward configuration and management of the fingerprint database using simple PC software.



Main Features

- PIN or proximity card with fingerprint verification
- State-of-the-art design, applicable in all environments
- Professional grade, CMOS Active Capacitive Pixel sensor
- Verification time only up to 1.5 seconds
- Bi-color LED Indicator and an internal sounder for key-beeps and verification sound indications
- BioTrax™ PC software for complete management of the fingerprint database and fast configuration of the reader
- 60 cm (23.6 in.) 6-wire shielded interface cable.
- Door bell feature (from "*" key), with Rosslare accessories.

PROFESSIONAL GRADE FEATURES

- Ability to enroll up to 500 users
- PIN, Proximity Card & Dual Fingerprint Template Per User
- Optical Wall Tamper and Cover Open Tamper Detection
- External LED confirmation control option
- 8 programmable PIN transmission modes including options for key stream, binary, parity, and 3x4 matrix.
- Supports Wiegand 26-Bit, or Clock & Data RFID card transmission formats.
- RS-232 Serial communications interface for PC database backup and firmware upgrade

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	10V to 16 VDC from a regulated power supply
• Input Current:	Maximum: 170 mA
• Relay Outputs:	Form C Relay Tamper, Optional direct door control
• Inputs:	External LED Control and Mode Switching (Normal/Secure)
• External LED Control:	0V to 5V DC, Low Active Maximum: 50 mA Impedance: 20K ohm
• Sensor ESD Rating:	±15KV (Fingerprint Sensor)
OPERATIONAL CHARACTERISTICS	
• Operation Modes:	Normal: PIN or Proximity Card + Fingerprint Verification Secure: PIN + Proximity Card + Fingerprint Verification
• Fingerprint Verification:	Templates: Up to 2000 templates Verification Time: Less than 1.5 seconds Verification Method: 1:1
• Built-in Proximity Reader:	Read Range: 75mm (2.95 in.) Modulation: ASK at 125 kHz
• Keypad:	3 x 4 Key, Backlit
• Output formats:	Wiegand 26-Bit, RS-232 (Host Only)
• Temperature:	-5°C to +60°C (23°F to 140°F)
• Humidity:	10% to 90% RH (non-condensing), Indoor
PHYSICAL CHARACTERISTICS	
• Dimensions:	144mm H x 104mm L x 34mm W (5.7 in. x 4.1 in. x 1.4 in.)
• Weight:	320 g (0.7lbs)

Dual Application Product

The AYC-W6500 reader is compatible with standard access controllers.

With Rosslare's intelligent power supplies it can function as a 500-user secure controller.



Additional Information

The AYC-W6500 is covered by Rosslare's 5-year Limited Product Warranty. For sales information or product documentation, please visit our website: <http://www.rosslaresecurity.com>.



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