ASEDrive PAC

The ASEDrive PAC Sector Readers/Writers family are fully-featured smartcard proximity readers/writers, ideal for highly secured facilities as well as other facilities that wish to utilize access control , intrusion, detection or time and attendance applications.

ASEDrive PAC Contactless CPU Smartcard Reader

The ASEDrive PAC introduces patented, industry first technology encased in a anti-vandal body, thus combining smart card technology with anti-vandal protection.

General Description

Programming of the reader is done by firmware upgrade, using Athena Smart Card Programmer.

The reader scans information stored within a smartcard, sends the data to a connected access control system, and allows the integrator to set secret keys for different sectors on the card. This established a unique network with proprietary cards, where no card can possibly have the same ID on the same location and with the same reader key.

The readers meet IP65 and are suitable for both indoor and outdoor use. The interface is a 10-wire pigtail (including Wiegand, USB & RS232) that allows you to connect the unit to a control panel.

Main Features

- Advanced, secure, multi-application functionality for intelligent applications.
- Easy to deploy in the field with the configuration card (Master card) for secure sector reading of data from the sectors.
- Configurable multi output format, supports various Wiegand formats and many more.
- Multiple keypad transmission formats (optional)

- Microsoft® Windows Compatible software for Master and User Card configuration.

Advanced Features

- Reads ISO14443 A/B & Mifare Standard cards.
- Dedicated LED and buzzer control inputs.
- Optical tamper sensor for case and wall tamper detection.
- Reads dedicated customer's sector or serial number.
- Internal Secure Access Module (SAM) socket (optional).
- Outdoor use and weather-resistance (IP65)
- 3 years HW warranty

System Components

The Readers are compatible with USB desktop card programmer and its associated software.

The readers are compatible with a variety of industry controllers.

ELECTRICAL CHARACTERISTICS ASEDrive PAC	
Operating Voltage Range:	5-16 VDC
Standby Input Current:	110mA
Maximum Input Current:	150mA
Tamper Output:	Open Controller, active low, max sink current 30Ma
OPERATIONAL CHATACTERISTICS	
Inputs:	Programmable LED Control / Buzzer control Input, N.O, Dry Contact
Indicators:	2 LED indicators
Output Formats:	Wiegand 26-bit, Clock & Data, Wiegand 32 bit, Wiegand 37 bit, RS232,USB
Built-In Proximity Reader:	Operating Frequency: 13.56MHz Compatible ISO 14443 A/B
Max. Proximity read range:	45mm (1.772 ``)
ENVIRONMENTAL CHARATERISTICS	
Operating Environment:	Water resistant, suitable for outdoor use (meets IP65)
Operating Temperature	-30ºC to 60ºC
Operating Humidity:	0% to 95% (Non-Condensing)
MECHANICAL CHARATERISTICS	
Dimensions (H x W x D):	65mm x 55mm x 27mm 2.56 x 2.16 x 1.06 inch
Weight:	250g (0.55 lbs.)

CE RoHS COMPLIANT

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IMPORTANT FCC Part 15

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment into an outlet different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.