ATS1188

Lettore di tessere MIFARE DESFire EV1/EV2/EV3 sicuro, con tastiera, con uscita e ingresso RTE in un design sottile, compatibile con credenziali mobili, Aritech ID (Bluetooth).

Product overview

The ATS MIFARE DESFire EV1/EV2/EV3 readers connect directly to the control panel using the ATS databus. Communication to Everon, Advisor Advanced control panels is AES encrypted. In secure mode, card to reader data is also AES encrypted providing secure communication from the card to the processing unit. The readers are configured locally through keypad and control panel and with the ATS85x0 and the address is configured using the ATS1482 addressing card. Select secure cards from the ATS145x secure card series. The reader is compatible with mobile credentials of Aritech ID. The reader offers a Request To Exit input and one open collector output that can be used to control a door relay.

The ATS1188 Mifare Desfire reader is designed to transfer card data in a secure and reliable way in various environments. The card data is by default secured by an Aritech own security key, but can be changed easily in Advisor Advanced or Everon control panels to any custom required key.
The readers can optionally be set to read MIFARE CSN numbers instead in unsecure mode.

Communication

The reader communicates in a secure way over the ATS LAN databus to Everon or Advisor control panels using AES encryption, securing the data from the card until being processed.

Design

The unique design of the housing guarantees that the reader can be used in the most demanding surroundings having IP67 and IK-09 rating. The reader can be installed directly on to a metal surface without any insulation.



Dettagli

- Lettore sicuro ATS MIFARE DESFire EV1/EV2/EV3
- Compatibile con credenziali Mobile Aritech ID.
- Supporta Secure Mifare (secure mode) o Mifare 4 o 7 byte CSN/UID (modalità standard)
- Compatibile con le tessere serie ATS145x o tessere cliente
- Comunicazione sicura utilizzando la crittografia AES-128 bit tra il lettore e le centrali Advisor Advanced / Everon / Axon
- Robusto alloggiamento in plastica dal design sottile
- Installazione in interno e esterno
- Interfaccia bus ATS
- Ingresso per pulsante richiesta di uscita
- Uscita Open Collector (apertura varco)
- Supportato da Advisor Advanced dalla versione MR4.13 e Everon MR4.3
- NFC utilizzato per la configurazione

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Specifiche tecniche

System

Reading distance	Secure: max. 2 cm Unsecure: max. 5 cm Bluetooth depending on mobile device and settings
Max. reader distance to panel	1500 m
CSN (Card Serial Number)	Yes
Custom data model	Yes
Supported card types	MIFARE® Classic UID, MIFARE® DESFire UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® DESFire® EV3
Addressing type	Card Addressing
No. of LEDs	3

Technology

Reader type	Smart Card
Reader operating-transmitting frequency	13.56 MHz
Supported technology 13.56 MHz	MIFARE Classic (CSN), MIFARE DESFire (CSN), MIFARE DESFire EV1 (Aritech), MIFARE DESFire EV1 (CSN), MIFARE DESFire EV1 (custom data), MIFARE DESFire EV2 (Aritech), Mifare DESFire EV2 (CSN), Mifare DESFire EV2 (custom data), MIFARE DESFire EV3 (CSN), MIFARE DESFire EV3 (custom data)
Mifare type	ISO14443A
No. of Mifare bytes CSN	4 Bytes (non-unique), 4 Bytes (S50), 7 Bytes (S50), 7 Bytes (S70)

Interface & connections

Interface	ATS RS-485
Connector type	Pigtail
Pigtail length	2 m

Inputs/outputs

Inputs	Request to exit
Outputs	1 Open Collector (50 mA)

Tamper type

Pry-off tamper	Yes

Operation

Stand-alone	No
PIN keypad	No

Electrical

Operating voltage	10 to 30 VDC
Current consumption	50 mA @13.8 VDC normal 120 mA @13.8 VDC max.

Physical

Physical dimensions	126 x 85 x 28 mm
Net weight	240 g
Shipping weight	275 g
Colour	Black
Material	Plastic
Form factor	Slimline
Mounting Type	Surface mount

Environmental

Operating temperature	-30 to +55°C
Storage temperature	-30 to +55°C
Relative humidity	<95%, noncondensing
Environment	Indoor, Outdoor
IP rating	IP67 IK09

Regulatory

Compliancy	CE

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