

DATASHEET

ACI420

OSDP reader

MAIN FEATURES

- OSDP reader
- slim design
- Mifare Desfire EV1/2/3
- CSN & Bluetooth

TECHNICAL SPECIFICATIONS

Power supply

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

Inputs / outputs

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

Physical characteristics

Physical dimensions	148 x 45 x 26 mm
Colour	Black
Material	Plastic
Mounting Type	Surface mount

Environmental characteristics

Reader operating-transmitting frequency	13.56 MHz
Operating temperature	-30 to +55°C
Relative humidity	max 95% noncondensing
Environment	Indoor, Outdoor
IP rating	IP67IK09

Other characteristics

Reading distance	up to 5 cm depending on technology used and environment
Max. reader distance to panel	1 km from control panel

ACI420

TECHNICAL SPECIFICATIONS

CSN (Card Serial Number)	Yes
Custom data model	Yes
Supported card types	Mifare Classic 7 Byte UID, MIFARE® Classic UID, MIFARE® DESFire UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® Plus UID, NFC (UID)
Addressing type	Card Addressing
No. of LEDs	3 x multi-color
Reader type	Smart Card
Supported technology 13.56 MHz	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 Plus (CSN), NFC (CSN)
Supported technology 2.4 GHz	Bluetooth
Mifare type	ISO14443A
No. of Mifare bytes CSN	4 Bytes (non-unique), 4 Bytes (S50), 7 Bytes (S50), 7 Bytes (S70)
Interface	OSDP V2 Secure Channel
Connector type	Pigtail
Pigtail length	3 m
Opening tamper	Yes
PIN keypad	No
Form factor	Slimline
Compliance	CE
Certification	CE