

ACTpro MIFARE® DESFire EV1

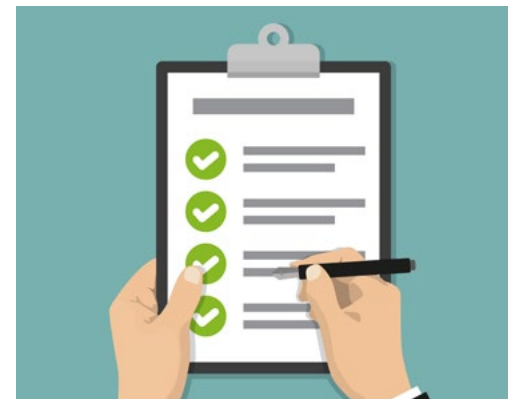
EV1030e, EV1030PM, EV1040e, EV1050e



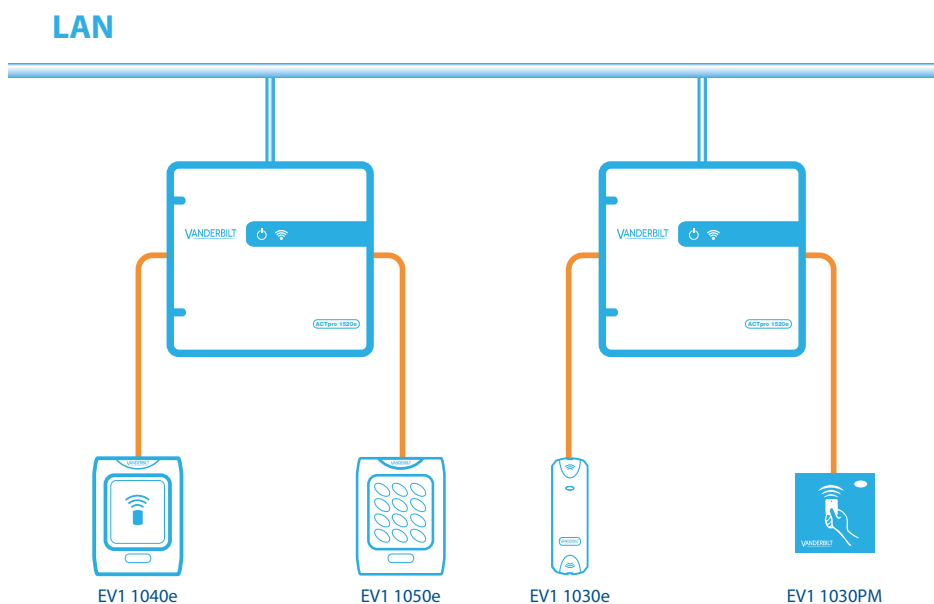
Introduction:

MIFARE® DESFire EV1 cards are smartcards that contain memory that enable multiple applications to read and write data to and from the card. MIFARE® DESFire EV1 card technology is highly secure and is widely used for access control, cashless vending, corporate ID cards, smart printing / copying, transportation and stadium ticketing.

MIFARE® DESFire EV1 features mutual three pass authentication using 128 bit AES encryption. DESFire EV1 cards can hold up to 28 different applications and 32 files per application. Each MIFARE DESFire EV1 card has a unique serial number.



ACTpro MIFARE DESFire EV1 Schematic:



Installation Guidelines

- Check the correct voltage is applied to the reader
- Confirm the expected Data output "Clock & Data" or "Wiegand"
- Confirm expected reader operation, file (default) or serial number

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ACTpro MIFARE® DESFire EV1

EV1030e, EV1030PM, EV1040e, EV1050e

Product Specification:

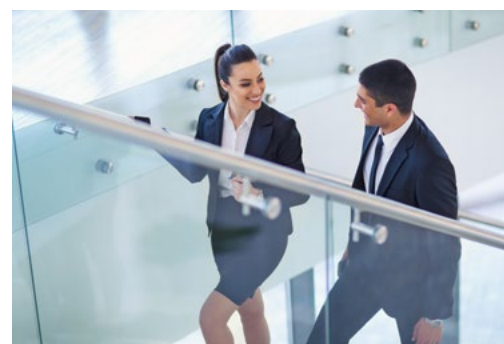
	ACTpro MIFARE 1030e	ACTpro MIFARE 1030PM	ACTpro MIFARE 1040e	ACTpro MIFARE 1050e
Operating Voltage	12 - 24 Volt DC	12 - 24 Volt DC	12 - 24 Volt DC	12 - 24 Volt DC
Operating Temperature	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
Dimensions	120mm x 37mm x 15mm	63mm x 58mm x 23mm	95mm x 128mm x 19mm	95mm x 128mm x 21mm
MIFARE ISO 14443A Compatible	YES	YES	YES	YES
Weight	150g	65g	142g	155g
Mounting	Mullion	Panel	Surface/Flush	Surface/Flush
Card / PIN Installation	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
IP Rating	IP67	IP67	IP67	IP67
Card / PIN	Card only	Card only	Card only	Card & PIN
Connector Block	NO (3m Pigtail lead)	YES	YES	YES

Ordering Information:

Type	Art. No.	Description	Weight*
EV1030e	V54504-F121-A100	EV1030e ACTpro EV1 Mullion Reader	0.26kg
EV1030PM	V54504-F122-A100	EV1030PM ACTpro EV Reader pan. mt.	0.16kg
EV1040e	V54504-F123-A100	EV1040e ACTpro EV1 Reader	0.27kg
EV1050e	V54504-F124-A100	EV1050e ACTpro EV1 Reader w. keypad	0.31kg
MF10C3	ACT_EV1_CARD-B	MF10C3 ACT DESFire + Mag stripe Card (10pcs)	0.064kg
ACT-USB	ACT_USB_READER	ACT-USB MF/Prox Encoder for ACT ENT	0.15kg
MF-FM	PMFLUSHPLATE	MF-FM ACTpro Flush Mount Plate MF1030PM	0.074kg
MF-VR	ACTPRO1030E_VR	MF-VR ACTpro Vandal-proof Cover MF1030e	0.16kg

* Total weight of the product inclusive of the weight of its accessories and packaging.

* ACTpro EV readers work with Acre supplied DESFire EV1 encoded cards (Material Number: V54515-Z140-A100). DESFire EV2, EV3 cards are not supported.



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