

ACTpro MIFARE® DESFire EV1

Contactless Smart Card Readers

ACT
Access Control Technology

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 Reader Range

MIFARE® Applications



Access Control



PC Logical Access



Smart Copying / Printing



Time & Attendance



Cashless Vending



Travel & Transport

ACTpro

ACTpro MIFARE® DESFire EV1

Contactless Smart Card Readers

ACT
Access Control Technology



ACTpro DESFire EV1 1050

DESFire EV1 pin & proximity reader

Product Code

ACTpro EV1 1050



ACTpro DESFire EV1 1040

DESFire EV1 proximity reader

Product Code

ACTpro EV1 1040



ACTpro DESFire EV1 1030

DESFire EV1 mullion proximity reader

Product Code

ACTpro EV1 1030



ACTpro DESFire EV1 1030PM

DESFire EV1 panel mount proximity reader

Product Code

ACTpro EV1 1030PM



ACTpro DESFire EV1 Card

DESFire EV1 Batch Card

Product Code

ACTpro EV1 Card-B

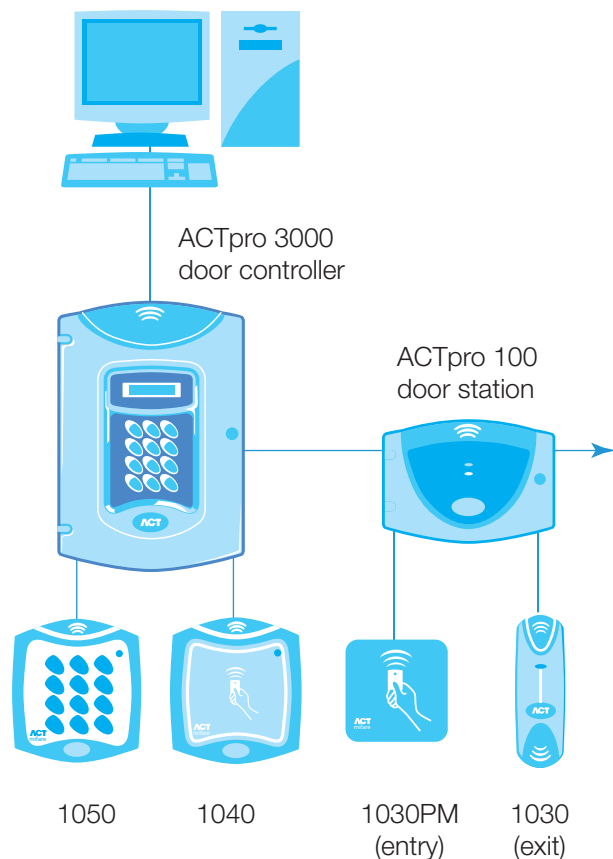
Installation Guidelines

- 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



Product Specification

	ACTpro MIFARE DESFire EV1			
	1030	1030PM	1040	1050
Mounting	Mullion	Panel	Surface / Flush	
Proximity	Yes			
Pin	No			Yes
Potted Electronics	Yes			
IP Rating	IP67			
Operating Voltage	12 - 24 Volt DC			
Weight	200	65	142	155
Dimensions (HxWxD, mm)	108*36*13	63*58*23	110*100*35	110*100*35
Operating Temperature	-10° to +50° Celsius			



ACTpro mifare DESFire EV1 Schematic

