

DESFIRE EV2 READER

CLOUD-BASED ACCESS CONTROL SYSTEM | MOBILE ACCESS

EP-10DF



Mifare DESFire technology is a contactless smart card technology developed by NXP Semiconductors. It is designed to provide high-level security and flexibility for a wide range of applications, including access control, transportation ticketing, and electronic payments.

Mifare DESFire cards include anti-cloning features that prevent unauthorized copying or cloning of the card data. These features include a unique card serial number and secure storage of the card data.

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FEATURES

- 32bit ARM MCU
- LED and buzzer indication
- Easy integration with different type of controller by using Wiegand output
- Watch dog function ensure device free from halting
- IP65 Water-proof (Outdoor use)
- Surface mounted installation

SPECIFICATION

Model:	EP-10DF
CPU:	32 bit ARM Processor
Contactless Card:	ISO/IEC14443 TYPE A Mifare/DESFire EV2 ISO/IEC14443 TYPE B、ISO/IEC15693 Serial Number
Color:	CLASSIC series cover in Black
LED:	Red & Green LED
Audio visual:	Beeper
Output Format:	Wiegand 26/34
Reading distance:	>4cm
Reading time:	<200ms
IP rate:	IP65
Dimensions:	86mm × 45mm × 15mm
Power Supply	10 - 13 VDC, Linear supply recommended
Power Requirements	Current (DC) Average 30 mA, Peak 75 mA
Operating Temperature	-22° to 150° F (-30° to 65° C)
Operating Humidity	0-95% relative humidity noncondensing
Transmit Frequency	13.56MHz
Termination	Digital
Cable Distance	5m (22 AWG)
Housing Material	ABS
Certifications:	Complies with FCC Part 15, CE

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