

MIFARE DESFIRE EV1/EV2 BASED ACCESS CONTROL SYSTEM

VV-RF500M-EMA1

MIFARE DESFIRE EV1/EV2 ENTRY/EXIT READER



FEATURES

- High security DESFire EV1/EV2 access control card reader
- Supports NXP (formerly Philips) Mifare Desfire EV1/EV2 cards
- 32-bits ARM technology processing chip for faster and stable performance
- Weigand 26bit/32bit/RS485 communication protocols supported
- Premium ABS enclosure with LED indicator
- Suitable for application at high security zones



LED
Indication



Mifare



Buzzer
Sound

TECHNICAL SPECIFICATIONS

VV-RF500M-EMA1

Parameter	Specifications
Card Type	Mifare DESFire EV1/EV2
Communication Output	Wiegand 26bit/32bit/RS485 (customized)
Audio & Visual indicator	Buzzer & LED light
Card Maximum	≤4cm
Communication Distance	≤=100 Mtr (RVVP 8x0.3) with network door controller
Verification Time	≤200ms
Working Voltage	DC 9 ~15V
Working Current	≤=100mA
Working Frequency	13.56MHz
Working Temperature	-10~65°C
Working Humidity	5% to 95% (Non-condensate)
Dimension	121 X 84 X 22(mm)
Certifications	CE, FCC, ROHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

Wiring Diagram

Color	Description
Red	12V
Black	GND
Green	DATA0
White	DATA1
Purple	BEEP
Blue	LED

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