

MIFARE DESFIRE EV1/EV2 BASED ACCESS CONTROL SYSTEM

VV-RF501M-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

Card & PIN dual authentication mode

LED backlit touch keypad

Premium ABS enclosure with LED indicator

Suitable for application at high security zones



TECHNICAL SPECIFICATIONS

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Parameter	Specifications
Authentication Mode	Card & PIN
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	-20~85°C
IP Rating	IP65
Working Humidity	5% to 95% (Non-condensate)
Dimension	86 x 86 x 15 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

VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton

West Midlands, WV6 0JZ United Kingdom

Ph:+44-1902-793383, Email: sales@vantagesecurity.com

www.vantagesecurity.com

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