

CA-MA-R10/86/86K

www.black.honeywell.com

MIFARE® Access Card Reader ISO14443A

The number of the ISO 14443A agreement is the only Number, has the very high data security, so the ISO14443A card reader is widely used in various fields of checking attendance and smart card system.

CA-MA-R86/CA-MA-R86K/CA-MA-R10 is Honeywell Black™ series MIFARE® card reader, reads the speed is quick, success rate is high, Ultra Low Power Consumption. Appearance generous, volume is choiceness, it have two kinds of appearance to choose from, suitable for different installation environment, completely sealed, waterproof properties is good, maintenance is simple.

MARKET OPPORTUNITY

Collocation varieties of door or door access product, widely used in the place which requires security precautions.

FEATURES

Standard: ISO14443A (MiFare®)

High Reliability: 100% of the products through rigorous aging test and read card test, the average failure rate are less than 1%.

Ultra-Low power: Provides a stable super strong guarantee for the products, average operating current is lower than similar products.

Reduce the burden on the controller.

100% read card success rate.

Reader time: >0.1 second

Keypad can be equipped with light. (CA-MA-R86K Only)

Waterproof & dustproof: Enclosure protection capacity reached to IP65, adapt to the indoor & outdoor's environments.



CA-MS-R86

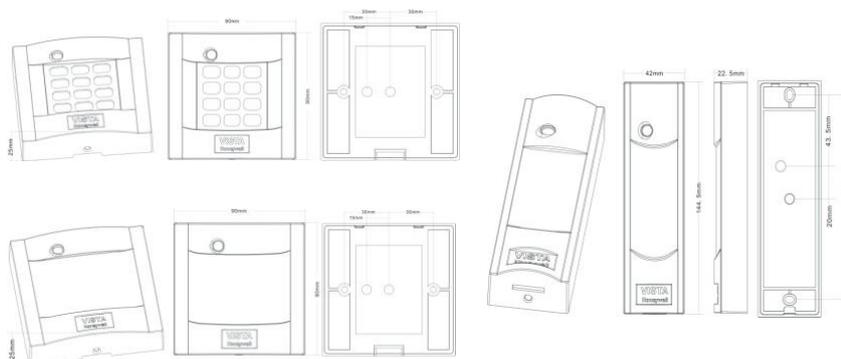


CA-MS-R86K



CA-MS-R10

DIMENSIONS



CA-MA-R10/86/86K

www.black.honeywell.com

MIFARE® Access Card Reader ISO14443A

PRODUCT SPECIFICATION

ITEMS	CA-MA-R86 / CA-MA-R86K	CA-MA-R10
Dimensions (L*W*D mm)	90 x 90 x 26 mm	145 x 42 x 23 mm
Read Range (cm)	≥5cm (Normalcy, Read range may be difference because of card quality or installation using environmental.)	
Frequency(MHz)	13.56MHz	
Maximum distance (Meter)	150m	
ISO Standards Supporter	ISO14443A(MIFARE®)	
Reading card content	CSN	
Operating Condition	Temp: -31°C~ 63°C; Hum: 0 ~95% (Non-condensing)	
Type of Power	Linear or switching power supply(Ripple < 50 m Vpp)	
Operating Voltage Range	8 ~ 16 VDC	
Current Intensity	40mA (Normal), 120 mA (Max.)	
Interface	Standard Wiegand output: Wiegand34	
Keypad Wiegand Output	4bit (For CA-MA-R86K only)	

Note: Honeywell reserves the right, without notification, to make changes in product design or specification. Any other things please contact your local sales representative.

ORDER INFORMATION

CA-MS-R10	MIFARE® Card Reader, ISO14443A, Mullion (American standard) outline, Wiegand 34 bits output, black shell.
CA-MS-R86	MIFARE® Card Reader, ISO14443A, BS(Standard 86) outline, Wiegand 34 bits output, black shell.
CA-MS-R86K	MIFARE® Card Reader, ISO14443A, BS(Standard 86) outline, Wiegand 34 bits output, with keyboard, black shell.

EMID Card

CA-MS-C	Standard Philips MIFARE® card, 8K(16 sectors) , S50 standard, 85.5*54*0.88mm(ISO standard), Honeywell VISTA Logo.
---------	---

CA-MA-R10/86/86K

www.black.honeywell.com

MIFARE® Access Card Reader ISO14443A

For more information:

Security East Asia
Security Pacific
Security India
Security Middle East & N.Africa
Security Russia
Security China
Security Korea

Tel: (852) 2405 2323
Tel: 1300 234 234
Tel: (91) 124 4975000
Tel: (971) 4454 1704
Tel: (7) 495 7979371
Tel: (86) 400 8800 330
Tel: (82) 2799 6114



www.black.honeywell.com
security.black@honeywell.com

Honeywell Security Group
Automation & Control Solutions
Honeywell International Inc.
www.security.honeywell.com



July 2014
© 2014 Honeywell International Inc.