

CA-MS-R10/86/86K

www.black.honeywell.com

MIFARE® Sector Card Reader

MIFARE® Sector reader is configured by the user, with the key has been already set up to read card on specified data. This data can't be copied, card reader configured by the configure card, and each configure card of the system is maintained by the administrator. Card reader is low power consumption, easy to install.

Honeywell Black™ series CA-MS-R10/R86/R86K is a brand new series MIFARE sector reader. Each card has several sectors, can accommodate several applications, and have enough data security, make the entrance guard system control more powerful, more flexible application, 13.56MHz operating provide the high frequency reliable data, integrity communication, and in a card have maintenance multiple applications.

MARKET OPPORTUNITY

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

FEATURES

Standards: ISO14443A (MiFare®)

High Reliability: 100% products through rigorous aging and reading 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.

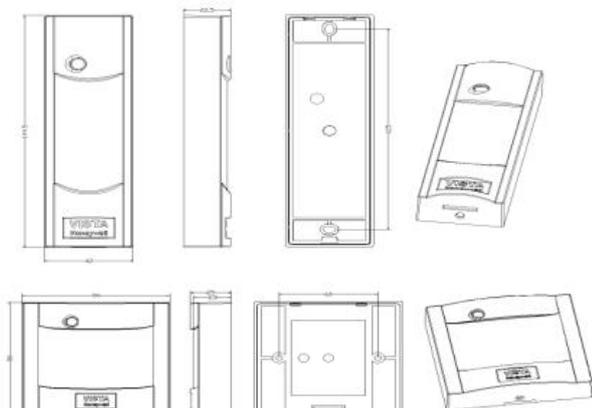
100% read card success rate.

Reader time: > 0.1 second

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

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

DIMENSIONS



CA-MS-R86



CA-MS-R86K



CA-MS-R10

CA-MS-R10/86/86K

www.black.honeywell.com

MIFARE® Sector Card Reader

PRODUCT SPECIFICATION

ITEMS	CA-MS-R86 / CA-MS-R86K	CA-MS-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	
Reading card content	The User-specified area data in a card.	
Operating Condition	Temp: -31°C~ 63°C ; Hum: 0 ~95%	
Type of Power	Linear or switching power supply (Ripple < 50 m Vpp)	
Operating Voltage Range	8 ~ 16 V DC	
Current Intensity	40mA (Normal), 120 mA (Max.)	
Interface	Standard Wiegand output: Wiegand26/32/34bit	
Keypad Wiegand Output	8 bit (For CA-MS-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® Sector Reader, ISO14443A, Mullion (American Standard) outline, Wiegand 26/32/34 bits output, black shell.
CA-MS-R86	MIFARE® Sector Reader, ISO14443A, BS (Standard 86) outline, Wiegand 26/32/34 bits output, black shell.
CA-MS-R86K	MIFARE® Sector Reader, ISO14443A, BS (Standard 86) outline, Wiegand 26/32/34 bits output with 3×4 keyboard.

MIFARE CARD

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

CA-MS-R10/86/86K

www.black.honeywell.com

MIFARE® Sector Card Reader

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

