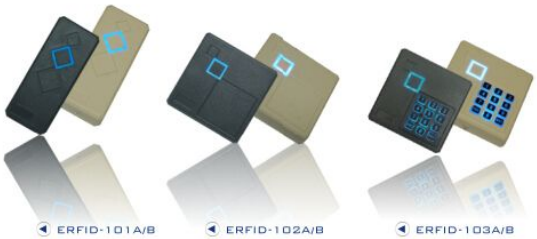
ERFID Reader Series

Ework Design Reader
Meet UL2.4 International Standard

Own Intellectual Property Rights, Appearance Design Copyright
The module series are first choice for office, office building, employee dormitory, public passage, home access control.

Features

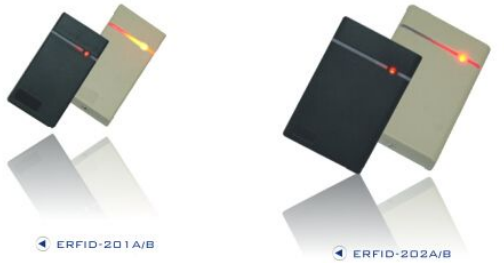
- Sound & Light Indication
- Stable quality, with ability of anti metal disturbance
- With Protection function for upper Voltage and wrong wire connection
- International interface: wiegand 26(34, 66),RS485, RS232



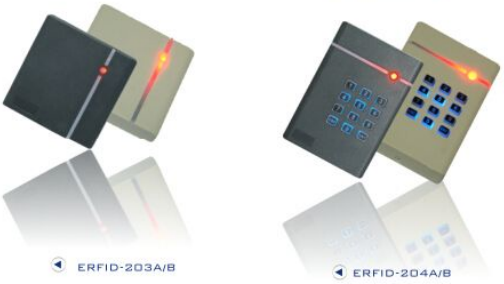
ERFID-101A/B　ERFID-102A/B　ERFID-103A/B

Model	ERFID-101A/B	ERFID-102A/B	ERFID-103A/B
Size	102 X 43 X 16(mm)	86 X 86 X 18(mm)	86 X 86 X 18(mm)
Color	Black/Ivory-white	Black/Ivory-white	Black/Ivory-white
Voltage	DC9-16V	DC9-16V	DC9-16V
Current	≤ 100mA	≤ 100mA	≤ 100mA
Ambient Temperature	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃
Reading Range	3 - 15CM	3 - 15CM	3 - 15CM
Output Format	Wiegand 26/34, Rs485	Wiegand 26/34, Rs485	Wiegand 26/34, Rs485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare-ID
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

●All parameters are based on actual ones when leaving factory.



ERFID-201A/B　ERFID-202A/B



ERFID-203A/B　ERFID-204A/B

Model	ERFID-201A/B	ERFID-202A/B	ERFID-203A/B	ERFID-204A/B
Size	80 X 43 X 16(mm)	115 X 76 X 18(mm)	86 X 86 X 18(mm)	122 X 86 X 20(mm)
Color	Black/Ivory-white	Black/Ivory-white	Black/Ivory-white	Black/Ivory-white
Voltage	DC9-16V	DC9-16V	DC9-16V	DC9-16V
Current	≤ 100mA	≤ 100mA	≤100mA	≤100mA
Ambient Temperature	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃
Reading Range	3 - 15CM	3 - 15CM	3 - 15CM	3 - 15CM
Output Format	Wiegand 26/34, Rs485	Wiegand 26/34, Rs485	Wiegand 26/34, Rs485	Wiegand 26/34, Rs485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

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Features

- Special brand new design, novelty appearance, steady and in good taste, perfect combination of science and fashion
- Protection measure and Anti-outer disturbing design for all input and output without effect on device
- International interface:wiegand 26(34,66),ABA

ERFID-301　ERFID-302

ERFID-401　ERFID-402　ERFID-501A/B　ERFID-502A/B

Model	301-302	401-402	501A/B	502A/B
Size	88X 88X 21(mm)	100X 100 X 21(mm)	100 X 100 X 21(mm)	100X 100X 21(mm)
Color	Dark Grey	White/Dark Grey	Dark Grey	Dark Grey
Voltage	DC9-16V	DC9 - 16V	DC9 – 16V	DC9 – 16V
Current	≤ 100mA	≤ 100mA	≤ 100mA	≤ 100mA
Ambient Temperature	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃
Reading Range	3 - 15CM	3 - 15CM	3 - 15CM	3 - 15CM
Output Format	Wiegand 26/34, Rs485	Wiegand 26/34, RS485	Wiegand 26/34, RS485	Wiegand 26/34, RS485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

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ERFID-601A/B　ERFID-602A/B

ERFID-701A/B　ERFID-702A/B

Model	601A/B	602A/B	701A/B	702A/B
Size	88X 88 X 18(mm)	88 X 88 X 18(mm)	88 X 88 X 21(mm)	88 X 88 X 21(mm)
Color	Dark Grey/Ivory-white	Dark Grey/Ivory-white	Dark Grey/Ivory-white	Dark Grey/Ivory-white
Voltage	DC9-16V	DC9 – 16V	DC9 – 16V	DC9 – 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃	– 10℃ - 70℃
Reading Range	3 - 15CM	3 - 15CM	3 - 15CM	3 - 15CM
Output Format	Wiegand 26/34, Rs485	Wiegand 26/34, RS485	Wiegand 26/34, RS485	Wiegand 26/34, RS485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare-ID
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

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ERFID Reader Series

Model	08A/A01	08B/B01	08C	08D
Size	76 X 114 X 16(mm)	76 X 114 X 16(mm)	42X 80 X 12.5(mm)	122 X 46 X 23(mm)
Color	White/Black	White/Black	Dark Grey	Dark Grey
Voltage	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
Reading Range	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM
Output Format	Wiegand 26/34, Rs485/232	Wiegand 26/34	Wiegand 26/34	Wiegand26/34, RS485/232
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M	WG≤100M	WG≤100M,RS485≤1200M

Model	08E	08F/F01	08G/G01	08H
Size	124 X 76 X 23.5(mm)	108 X 88 X 32(mm)	126 X 76 X 23(mm)	116 X 76 X 21(mm)
Color	Dark Grey	Dark Grey/White	Dark Grey/White	Dark Grey
Voltage	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
Reading Range	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM
Output Format	Wiegand26/34, RS485/232	Wiegand26/34	Wiegand 26/34, RS485/232	Wiegand 26/34, RS485/232
Card Type	EM-ID/Mifare	(EM-ID/Mifare)+P/N	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

Model	08I	08J	08K	08L
Size	115X 76 X 23(mm)	123.5 X 72 X 22.5(mm)	123.5 X 55X 22.5(mm)	119 X 53 X 23(mm)
Color	Dark Grey	Champagne	Silver	Dark Blue
Voltage	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~ 10℃ ~ 70℃	~10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
Reading Range	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM
Output Format	Wiegand 26/34, RS485/232	Wiegand 26/34, RS485	Wiegand 26/34, RS485	Wiegand 26/34, RS485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

Model	08M	08N/N01	08O	08P
Size	118X 53 X 29(mm)	86 X 86 X 10(mm)	98X42X17(mm)	65X 85 X 18(mm)
Color	Dark Grey	White/Black	Dark Grey	Ivory
Voltage	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V	DC 9 ~ 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~10℃ ~ 70℃	~10℃ ~ 70℃	~10℃ ~ 70℃	~10℃ ~ 70℃
Reading Range	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM	3 ~ 15CM
Output Format	Wiegand 26/34, RS485	Wiegand 26/34	wiegand26/34	Wiegand 26/34, RS485
Card Type	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare	EM-ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M	WG≤100M	WG≤100M,RS485≤1200M

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- International interface:wiegand 26(34,66),ABA

Model	801A/B	802A/B	M2	901&902
Size	56X 120 X 21(mm)	56 X 120 X 21(mm)	56 X 115 X 20(mm)	76 X 120 X 16(mm)
Color	Dark Grey/Ivory~white	Dark Grey/Ivory~white	Silver	Dark Grey
Voltage	DC9~16V	DC9 ~ 16V	DC9 ~ 16V	DC9 ~ 16V
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
Reading Range	3 ~ 15CM	3 ~ 15CM	3 ~ 5CM	3 ~ 15CM
Output Format	Wiegand 26/34, Rs485	Wiegand 26/34, RS485	Wiegand 26/34, RS485	Wiegand 26/34, RS485
Card Type	EM~ID/Mifare	EM~ID/Mifare	EM~ID/Mifare	EM~ID/Mifare
Communication Distance	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M	WG≤100M,RS485≤1200M

*All parameters are based on actual ones when leaving factory.

USB, PS/2 or RS232 RFID Series

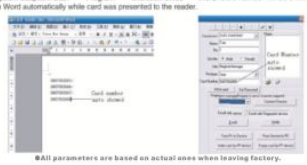
Specification

Model	09A/09B/09C	04	05	06
Size	140 X 100 X 25(mm)	140 X 100 X 25(mm)	140 X 100 X 25(mm)	140 X 100 X 25(mm)
	110 X 80 X 25(mm)			
Color	Champagne	offwhite	offwhite	offwhite
Voltage	DC 5V (USB Power)	DC 5V (Keypad)	DC 5V (USB/Keypad)	DC 5V (USB/Keypad)
Current	≤100mA	≤100mA	≤100mA	≤100mA
Ambient Temperature	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
Reading Range	3 ~ 15CM	5 ~ 10CM	5 ~ 10CM	5 ~ 10CM
Output Format	USB	Keypad Interface	Readers&Write,RS232 Interface	Rs232 Interface
Card Type	EM/Mifare/Distare/ISO15693/TYPE A B C	EM~ID/Mifare	TM~E5551/Mifare	EM~ID/Mifare
Communication Distance	≤10M	≥10M	≥10M	≥10M

01A	01B	01C
104 X 70 X 13(mm)	110 X 80 X 25(mm)	120 X 76 X 14(mm)
Black	Black	Black
DC 5V (USB Power)	DC 5V (USB Power)	DC 5V (USB Power)
≤100mA	≤100mA	≤100mA
~ 10℃ ~ 70℃	~ 10℃ ~ 70℃	~ 10℃ ~ 70℃
3 ~ 15CM	3 ~ 15CM	3 ~ 15CM
USB	USB	USB
EM/Mifare	EM/Mifare	EM/Mifare

Example of Use

Plug it to USB port of PC or Laptop, execute the following steps after several seconds operating system adaption: Start------Program------Microsoft Office---- Word. Card Number will be showe in Word automatically while card was presented to the reader.



Features

- Avoid manual input mistake.
- Save your time with more convenient and efficient
- Free of installing driver, compatible with Windows98/2000/XP
- Support proximity (EM~ID 125 KHz, 13.56Mhz Frequency) Card.
- 5~ 10cm Proximity Reading Range
- 10 to 70 C Ambient Temperature
- Less 100mA Working Current
- DC 5V working Voltage or Power on USB
- Available Version: 125 KHz: 09B~ID, 09A~ID Mifare: 09B~Mifare, 09A~Mifare
- Optional: PS2 or RS232 interface. Mifare Reader and Writer.

*All parameters are based on actual ones when leaving factory.

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