

Access Control Reader (Mifare) “AMR212”

The iDTRONIC AMR212 reader is for building networks in Access Control applications. It is designed for reading NXP Mifare cards. The reader is available in 2 different dimensions and the reading distance is up to 6cm. The interface options are: Wiegand, Clock&Data, RS485 and RS232.

The AMR212 reader is perfect, if flexibility, size and price are the critical factors.



Product specification:

Dimensions:	120 x 46 x 23mm (version A) 120 x 75 x 23mm (version B)
Housing:	IP 44, Material PS
Colour:	Dark grey
Interface:	Wiegand 34bits, Clock&Data, RS232 or RS485
Power supply:	15V. Low power dissipation with single power supply
Operating temperature:	-10°C to 55°C
Status:	Built-in bi-color LED and Buzzer
Features:	Built-in antenna, Pig-tail cable 30cm
Supported transponders:	NXP Mifare MF1S50
Reading distances:	up to 60mm (with ISO card size tag)
Decoding time:	less than 100ms
Order number:	R-AC-AMR212-WI (Wiegand) R-AC-AMR212-CD (Clock&Data) R-AC-AMR212-232 (RS232) R-AC-AMR212-485 (RS485)

Interface description:

NUMBER	COLOUR	SYMBOL	DESCRIPTION
1	Red	VCC	Positive Power Supply
2	Black	GND	GND
3	Green	WD0 (DATA)	Output as DATA0 in Wiegand and Clock&Data
4	White	WD1 (CLK)	Output as DATA1 in Wiegand and Clock&Data
5	Brown	HOLD (CP)	Output as HOLD in Wiegand and CARD PRESENT in Clock&Data
6	Yellow	SEL	Wiegand/Clock&Data selection NC: Wiegand; GND : Clock&Data
7	Blue	LED	Input, internally pulled up to +5V Connected to GND will change the colour of LED:
8	Grey	BUZ	Input, internally pulled up to +5V. Connected to GND will activate the BUZZER: