

Access Control Reader (125kHz) “AMR202”

The iDTRONIC AMR202 reader is for building networks in Access Control applications. It is designed for reading EM4100 (125kHz) compatible Read Only cards. The reader is available in 2 different dimensions and the reading distance is up to 10cm. The interface options are: Wiegand, Clock&Data, RS485 and RS232.

The AMR202 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 26, 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 LEDs and buzzer
Features:	Built-in antenna, Pig-tail cable 30cm
Supported transponders:	EM4102 compatible read only tags
Reading distances:	up to 100mm (with ISO card size tag)
Decoding time:	less than 100ms
Order number:	R-AC-AMR202-WI (Wiegand) R-AC-AMR202-CD (Clock&Data) R-AC-AMR202-232 (RS232) R-AC-AMR202-485 (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: