

Long Range Reader - 125kHz

iDTRONIC's Long Range Reader - 125kHz is available with Wiegand 26, Clock&Data or RS232 interface and is perfect for Long Range Access Control applications. It is designed for reading EM4100 compatible Read Only cards / tags. The reading distance is up to 70cm (with card size).



Applications:

- Access Control
- Production Control
- Parking

Product specification:

Dimensions:	240 x 235 x 35mm
Housing:	ABS (fully encapsulated with epoxy material)
Humidity protection:	IP66
Colour:	Black
Interface:	Wiegand 26bits Clock&Data RS232
Power supply:	12V. 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 200cm
Supported transponders:	EM4100 compatible Read Only tags
Reading distances:	up to 70cm (with ISO card size tag)
Decoding time:	less than 100ms
Order number:	R-LR-125-W26 (Wiegand26) R-LR-125-CD (Clock&Data) R-LR-125-232 (RS232)

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: