



1-Wire RFID Reader 13.56 MHz and 125 kHz

The **13.56 MHz 1-Wire RFID reader** is a small card-reader for Mifare 13.56 MHz frequency cards that enables the identification of the driver.

The **125 kHz 1-Wire RFID reader** is a small card-reader for UNIQUE standard 125 kHz frequency cards that enables the identification of the driver.

Both RFID readers show who is using the vehicle, at what time, and who is in charge of it. In case any discrepancies arise during the identification process, it is possible to block the vehicle's engine and notify the driver by an audio signal and send the warning to the monitoring and control system.

Applications

- Safety and Security
- Access control
- Local regulations

Key Features

- Driver and passenger identification
- Vehicle immobilization

Compatibility

✓ HCV5	✓ LCV5	✓ Pro5	⊘ Trace5
✓ FM-Tco4 HCV	✓ FM-Tco4 LCV	✓ FM-Pro4	⊘ FM-Plug4
✓ FM-Eco4	✓ FM-Eco4 S	✓ FM-Eco4 T	✓ FM-Eco4 RS T

Detailed specifications

13.56 MHz	125 kHz
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Reader specifications

Power supply (external)	+6.5 to 30 V DC	
Average power consumption	15 mA	12 mA
Operating temperature range	-20 °C to +80 °C	-20 °C to +55 °C
Interface	1-Wire	
Frequency	13.56 MHz	125 kHz
Card type	Mifare 13.56 MHz	UNIQUE standard 125 kHz
Maximum reading range	4 cm	

Cable pinout

Wire colors	Description
Yellow	Power supply
Grey	Ground
White	1-Wire data
Brown	Red LED ground
Green	Green LED ground

Physical properties

Dimensions	Width: 6 mm	Width: 7 mm
	Radius: 17 mm	Radius: 15.5 mm
Material	Plastic	

Ordering information

1-wire rfid 13 MHz	1-Wire RFID Reader 13.56 MHz
1W-H3-05	1-Wire RFID Reader 125 kHz

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