

Magstripe Emulator 125kHz

This module converts existing Magstripe application to a powerful RFID system without any additional wiring, software or hardware modifications.

The BrightCard Magnetstripe Emulator 125kHz allows the reading of 125kHz transponders in the read only mode and emulates the reading of a magstripe.

The unit has been built on an existing Standard magstripe reader (for example: Omron) or terminal without any additional modification.

Thanks to the 2 antennas integrated in this unit, it is possible to move the ID cards in two directions. It is can reach reading distances up to 5 cm (with ISO card size transponders).



Product specification:

Dimensions:	100 x 35mm (PCB)
Interface :	Magnetstripe Protokoll
Reading distance :	up to 5cm
Power supply :	5V DC (+/-5%)
Operating temperature :	-20°C to 60°C
Possible transponders :	Temic 555x (in RO Mode) Sokymat Q5 (in RO Mode)
Order number :	R-MOD-EMU125