

Magnetic Card Reader MRD-10

MRD-10 is a magnetic card reader with an encrypted and secured head. This PCI approved device offers a high security of the data read from the card. The device can be connected to any smart phone or tablet regardless of the operating system – iOS, Android, Windows, etc. MRD-10 is suitable for accepting payment cards and loyalty cards wherever you go.



| MRD-10 | |
|---------------------------------|--|
| Processor | STM32L151 Microprocessor |
| Memory | 16 KB RAM 128 KB Flash 128 EEPROM (for firmware update) |
| Secure Magnetic Card Reader | Triple track bi-directional |
| Supported Encryption Algorithms | AES-256 DUKPT (for AES-128 and 3DES) |
| Battery | Rechargeable 3.7V / 190 mAh Li-Po 10 000 chip card operations with one charge Automatic Power Off (after 2 sec idle) |
| Connectivity | Datecs proprietary audio protocol interface through 3.5 mm TRRS Jack Supporting both TRRS standards: OMTP, CTIA |
| OS compatibility | iOS Android Windows phone, Windows 10 Mobile |
| Reliability | 1 000 000 magnetic card swipes |
| Certifications | PCI PTS 3.x |
| Dimensions (LxWxH), mm | 45 x 58 x 13 |
| Weight, g | 30 |
| Environmental | Operating: -10 °C to +40 °C / 5% to 90% RH Storage: -20 °C to +50 °C / 5% to 90% RH |
| Power Supply | 5V through micro USB |

TRRS Jack



MCR

