

Dual Card Reader DRD-50D

DRD-50D is a combined reader - it accepts magnetic cards and chip cards. DRD-50D has an encrypted and secured head, which makes it a highly secure device. The device can be connected to any smart phone or tablet regardless of the operating system – iOS, Android, Windows, etc.

This EMV L1 and EMV L2 approved device is suitable for accepting payment cards and loyalty cards wherever you go.



DRD-50D	
Processor	STM32L151 Microprocessor
Memory	16 KB RAM 128 KB Flash 128 KB EEPROM (for firmware update)
Secure Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Friction type
Supported Encryption Algorithms	For Smart Card Reader: AES-128, RSA-2048 (for key encryption) For Magnetic Card Reader: AES-256, DUKPT (for AES-128 and 3DES)
Battery	Rechargeable 3.7V / 190 mAh Li-Po 10 000 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	500 000 chip card cycles 1 000 000 magnetic card swipes
Certifications	EMV Level 1, EMV Level 2
Dimensions (LxWxH), mm	57 x 60 x 21
Weight, g	65
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

MCR and SCR



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