

## SD Reader/Writer ISO14443A + NFC “SDID1010”

The SD reader SDID1010 is a Near Field Communication (NFC) / Radio Frequency Identification (RFID) Secure Digital (SC) device, designed to plug into any PDA or other handheld device.

The reader offers NFC two-way communications and ISO14443A (Mifare) reader capabilities for portable terminals. Applications include contactless payments and accessing product, entertainment and customer loyalty information. The reader can be used for vertical applications such as asset and document tracking and reading and writing RFID tags for industries such as health-care, pharmaceutical, retail logistics and homeland security.

Transaction or tag data can be processed through mobile connections such as WiFi, CDMA or GSM associated with the portable device.



### Product specification:

<b>Dimensions:</b>	53 x 24 x 8.1mm
<b>Power supply:</b>	3,3V (typical) operation
<b>Power consumption:</b>	5mA (typical) standby 90mA (typical) field scanning
<b>Reading range:</b>	Up to 5 cm (depending on tag, antenna configuration and environment)
<b>LED:</b>	Indication for standby, search and data communications
<b>Operating frequency:</b>	13,56 MHz
<b>Supported transponders:</b>	ISO 14443A NXP Mifare family NXP DESFire
<b>NFC:</b>	NFCIP-1, ISO18092 Support contactless payment Peer to peer communication
<b>Data Exchange Speed:</b>	Up to 424 Kb/s
<b>Features:</b>	Integrated SAM (Secure Access Module) Smartcard Compliant JCOP OS Mifare tag emulation Integrated antenna
<b>Supported PDAs:</b>	Terminals with SDIO enabled SD Card Socket Microsoft Pocket PC 2002/2003 Microsoft Windows Mobil 2003 Microsoft Windows Mobile 5.0 Palm OS 4.1 and up
<b>Order number:</b>	R-HH-1010
<b>Order number SDK:</b>	R-HH-1010-SDK