



SDiD™ 1020 RFID SD Card Reader

Description	<p>SDiD™ 1020 is a Radio Frequency Identification (RFID) Secure Digital (SD) Card, designed to plug into any Personal Digital Assistant (PDA), Smartphone or other hand-held device with an SD slot. The SDiD™ card offers RFID read / write capabilities for portable terminals. The powerful SDiD™ offers a seamless management solution for real-time inventory, asset and document tracking. RFID tag information can be communicated in real-time to the enterprise database through WiFi, CDMA, GSM or Bluetooth connection(s) associated with the portable device.</p>	<ul style="list-style-type: none"> • Asset Tracking • Document Tracking • Health care / Pharmaceutical • Product Authentication • Retail Logistics • Homeland Security • Public Transport • Event Ticketing • Mobile Payment Solutions • Logical Access
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Product Code:	SDiD™ 1020						
RF Transmit Frequency	13.56MHz						
Supported Standards	ISO 14443A, ISO 15693						
Supported Tag-ICs	<table style="width: 100%; border: none;"> <tr> <td>Mifare® 1k</td> <td>i-Code</td> </tr> <tr> <td>Mifare® 4k</td> <td>i-Code SLI</td> </tr> <tr> <td>Mifare® DESFire</td> <td>Tag-it™ HF-I</td> </tr> </table>	Mifare® 1k	i-Code	Mifare® 4k	i-Code SLI	Mifare® DESFire	Tag-it™ HF-I
Mifare® 1k	i-Code						
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Communications Interface	<p>Supports most PDAs and Smartphones SDIO compliant, version 1.10 SD-1, SD-4, SPI mode</p>						
OS Compatibility	<p>Supports most PDAs and Smartphones Terminals with SDIO enabled SD Card Socket Supports Microsoft® Pocket PC 2002/2003, Windows Mobile 2003, and Windows Mobile 5.0 Supports Palm OS® 4.1 and higher</p>						
Power Supply	Via SD Interface						
Power Consumption	<p>5 mA (typical) standby 150 mA (typical) field scanning 3.3V (typical) operation</p>						
Reading distance	<p>ISO 15693: Up to 8.0 cm (3.2 in) depending on tag antenna configuration and environment ISO 14443A/B: Up to 6.0 cm (2.4 in) depending on tag antenna configuration and environment</p>						
RF Transmission Speed	≤ 106kBit/s						

Product Code:	SDiD™ 1020
Antenna	Integrated
Input/Output Connector	Indication LED for standby, search and data communications
Size	Extended SD form factor, (LxWxH) 53.0x24.0x8.1mm ±0.1mm / 2.09x0.94x0,32Inch ±0.004Inch
Weight	8g± 0,5g / 0.018lb± 0.0015lb
Approvals/Compliance	CE, FCC, RoHS compliant