



OMNIKEY® 5553 Desktop Multi ISO

<p>Description</p>	<p>The OMNIKEY® 5553 Desktop reader is a contact less proximity read/write device that supports various ISO14443A/B, ISO15693, ISO18000-3, NFC and EPC RFID-devices, including the whole Mifare® family. The module has a built in antenna. By using the USB 2.0 interface the device easily can be connected to a PC or any other host system. An integrated SAM Socket enables a state of the art security level. This RFID read/write unit is optimized for maximum data throughput rates on both, the air interface as well as the serial interface. The built in boot-loader enables firmware field upgrades via the USB interface. The antenna size helps the user to gain a maximum of convenience while moving the transponder card through the extended read zone.</p>	<ul style="list-style-type: none"> • E-Payment • E-Toll Road Pricing • E-Ticketing for Events & Public Transport • Access Control • Time & Attendance • PC Access • Authentication • Process & Production Control • Logistics & Supply Chain Management
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Product Code:	RDHS-0204D0-02		
RF Transmit Frequency	13.56MHz		
Supported Standards	ISO14443A, ISO14443B, ISO 15693, ISO 18000-3, NFC enabled, I-CODE		
Supported Tag-ICs	Mifare® Standard Mifare® 4k Mifare® Pro Mifare® Ultralight Mifare® DESFIRE Mifare® SmartMX I-CODE SLI (SL2 ICS 20) I-CODE EPC (SL2 ICS 10) I-CODE UID (SL2 ICS 11) I-CODE NFC (ReaderToTag Mode)	SLE 55Rxx SRF55VxxP +S SLE 66CL160S SLE 66CLX320P SR176 SRIX4K LRI 64 LRI 512 EM4135 KSW Temp Sens®	Tag-it™ HF-I Standard Tag-it™ HF-I Pro Jewel Tag Sharp B ASK GTML ASK GTML2ISO TOSMART P032/P064 ISO14443A Tags ISO14443B Tags ISO15693 Tags ISO18000-3 Tags
Host Communication	Point-to-Point		

Product Code:	RDHS-0204D0-02
Communications Interface	USB 2.0
Communications Protocol	Specific ASCII or Binary Protocol
Communications Parameter	9600 Bit/s to 460 kBit/s, 8, N, 1
Firmware Boot-Loader	Supported via USB Interface
S/W Driver	Virtual COM port, API - DLL (VC++)
Power Supply	Via USB Interface
Power Consumption	Approx. 200mA (without SAM) < 1mA at power down mode
Reading distance	Up to 80 mm / 3.15 Inch, depending on tag
RF Transmission Speed	Up to 848 kBit/s
Antenna	Integrated
Input/Output Connector	2 status indicator LED lines, 1 I/O Port, SAM Socket
Size	(LxWxH) 155x82x35mm ± 1.0mm / 6.10x3.23x1.38 Inch ± 0.04 Inch
Weight	150 g ± 10% / 0.33 lb± 10%
Operating Temperature	0°C to + 70°C / 32F to +158F
Storage Temperature	-40°C to + 85°C / -40F to +185F
Firmware Version	1.0
Approvals/Compliances	ETS 300-330, CE, FCC part 15, RoHS compliant, ISO 14443 1-4
MTBF	200.000 h