



OMNIKEY® 4553 HF Mobile Multi ISO

| | | |
|--------------------|---|---|
| Description | <p>The OMNIKEY® 4553 HF Mobile reader is a highly integrated contact less short range read write device that supports ISO14443A/B, ISO15693, ISO18000-3, NFC and EPC RFID-devices, inclusive the whole Mifare® family. The module has a built in antenna. It fits into CF card type II slots and via an adapter also into PCMCIA slots of any kind of mobile device. The integrated technology 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 serial interface.</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 • Printer • Production Equipment • Mobile Devices |
|--------------------|---|---|

| | | | |
|------------------------------|---|----------------|-----------------------|
| Product Code: | RDHP-0206P0-02 | | |
| RF Transmit Frequency | 13.56MHz | | |
| Supported Standards | ISO 14443A/B, ISO 15693, ISO 18000-3, NFC enabled, I-CODE | | |
| Supported Tag-ICs | Mifare® Standard | SLE 55Rxx | Tag-it™ HF-I Standard |
| | Mifare® 4k | SRF55VxxP +S | Tag-it™ HF-I Pro |
| | Mifare® Pro | SLE 66CL160S | Jewel Tag |
| | Mifare® Ultralight | SLE 66CLX320P | Sharp B |
| | Mifare® DESFIRE | SR176 | ASK GTML |
| | Mifare® SmartMX | SR1X4K | ASK GTML2ISO |
| | I-CODE SLI (SL2 ICS 20) | LRI 64 | TOSMART P032/P064 |
| | I-CODE EPC (SL2 ICS 10) | LRI 512 | ISO14443A Tags |
| | I-CODE UID (SL2 ICS 11) | EM4135 | ISO14443B Tags |
| | I-CODE | KSW Temp Sens® | ISO15693 Tags |
| | NFC (Reader To Tag Mode) | | ISO18000-3 Tags |
| Host Communication | Point-to-Point | | |

© ASSA ABLOY ITG reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. ASSA ABLOY ITG declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

23.07.2007- Page: 1 of 2

ASSA ABLOY Identification Technologies GmbH, Am Klingenweg 6A, 65396 Walluf, Germany Tel: +49 6123 791 0 Fax: -110 email: info@aaitg.com web: www.aaitg.com

Document No.: 1508-DTS-04-0-03

| | |
|--|--|
| Product Code: | RDHP-0206P0-02 |
| Communications Interface | CF Card Type II |
| Communications Protocol | Specific ASCII or Binary Protocol |
| Communications Parameter | 9600 Bit/s to 115 kBit/s, 8, n, 1 |
| Firmware Boot-Loader S/W Driver | Supported via CF Card Interface Virtual COM port no drivers needed for PDA applications, Driver for PCMCIA available (separate PCMCIA/CF Type II adapter required) DLL (C++) & Reader Utility available for Pocket PC 2002 & 2003 |
| Power Supply | Via CF Slot |
| Power Consumption | Typical 200mA in active mode max. 310mA <65mA Antenna off <1µA in disconnected mode |
| Reading distance | Up to 60 mm / 2,36 Inch, depending on tag |
| RF Transmission Speed | Up to 848 kBit/s |
| Antenna | Integrated |
| Size | (LxWxH) 86.50x43.0x10.0mm ± 0.1mm / 3.40x1.69x0.39Inch ± 0.0039Inch |
| Weight | 26g ± 10% / 0.057 lb ± 10% |
| Operating Temperature | 0°C to + 70°C / 32F to 158F |
| Storage Temperature | -20°C to + 85°C / -4F to 185F |
| Firmware Version | 1.0 |
| Approvals/Compliances | ETS 300-330, CE, FCC, RoHS compliant, ISO 14443 1-4 |