# ACG Multi ISO Plug-In Reader

## RDHP-0206P0-02

The ACG Multi ISO Plug-In 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.

## Typical Applications

- e-Payment
- e-Toll Road Pricing
- e-Ticketing for Public Transport / Events
- Access Control

- PC Access
- Authentication
- Logistics & Supply Chain Management
- Mobile Devices

# Technical Data

| Part Number | RDHP-0206P0-02 | | |
|---|---|---|---|
| RF Transmit Frequency | 13.56MHz | | |
| Supported Standards | ISO 14443A/B, ISO 15693, ISO 18000-3, NFC enabled, ICODE | | |
| Supported Tag-ICs | mifare ® Standard<br>mifare ® 4k<br>mifare ® Pro<br>mifare ® Ultralight<br>mifare ® DESFIRE<br>mifare ® SmartMX<br>I-CODE SLI (SL2 ICS 20)<br>I-CODE EPC (SL2 ICS 10)<br>I-CODE UID (SL2 ICS 11)<br>I-CODE<br>NFC (Reader To Tag Mode) | SLE 55Rxx<br>SRF55VxxP +S<br>SLE 66CL160S<br>SLE 66CLX320P<br>SR176<br>SRIX4K<br>LRI 64<br>LRI 512<br>EM4135<br>KSW Temp Sens ® | Tag-it™ HF-I Standard<br>Tag-it™ HF-I Pro<br>Jewel Tag<br>Sharp B<br>ASK GTML<br>ASK GTML2ISO<br>TOSMART P032/P064<br>ISO14443A Tags<br>ISO14443B Tags<br>ISO15693 Tags |
| Host Communication | Point-to-Point | | |
| Communications Interface | CF Card Type II Interface | | |
| Communications Protocol | Specific ASCII or Binary Protocol | | |
| Communications Parameter | 9600 Bit/s to 115 kBit/s, 8, n, 1 | | |
| Firmware Boot-Loader | Yes | | |
| Software Driver | API – DLL, no Driver required | | |
| Power Supply | Via CF Slot | | |
| Current Consumption | Typical 200mA in active mode max. 310mA<br><65mA Antenna off<br><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℃ to + 70℃ / 32F to 158F | | |
| Storage Temperature | -20℃ to + 85℃ / -4F to 185F | | |
| Firmware Version | 1.0 | | |
| Approvals | ETS 300-330, CE, FCC, RoHS compliant | | |

**For more information, please contact the sales office nearest you or visit our website: www.acg-id.com**

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