

ACG Multi ISO CF Card Reader Module

RDHP-0206P0-01

The ACG Multi ISO CF Card Module is a highly integrated contact less short range read write device that supports the whole MIFARE® family, ISO14443A, ISO14443B, ISO 15693, ISO 18000-3 and EPC RFID-devices. The module has a built in antenna. It fits into CF card 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
- e-Passport
- PC Access
- Authentication
- Logistics & Supply Chain Management
- Mobile Devices

Technical Data

Part Number	RDHP-0206P0-01		
RF Transmit Frequency	13.56MHz		
Supported Standards	ISO 14443A/B, ISO 15693, ISO 18000-3, ICODE		
Supported Tag-ICs	MIFARE® Standard MIFARE® 4k MIFARE® Pro X 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	SLE 55Rxx SRF55VxxP +S SLE 66CL160S SLE 66CLX320P SR176 SR1X4K LRI 12 LRI 64 LRI 512 EM4135 KSW Temp Sense	Tag-it™ HF-I Tag-it™ HF-I Light S Jewel Tag (IRT0302B11 KSW DIY Eng. Sample) Sharp B ASK GTML ASK GTML2ISO TOSMART P064 ISO14443A Tags ISO14443B Tags ISO15693 Tags
Host Communication	Point-to-Point		
Communications Interface	CF Card 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	Typ. 200mA in active mode max. 310 mA <65 mA 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	43.0x84.0x7.0mm / 1.69x3.31x0.03 Inch		
Weight	21g ± 10% / 0.64lb ± 10%		
Operating Temperature	0°C to +70°C		
Storage Temperature	-20°C to +85°C		
Firmware Version	Ver. 1.0		
Approvals	ETS 300-330, CE, FCC pending		

For more information, please contact the sales office nearest you or visit our website: www.acg.de/RFID

ACG Identification Technologies GmbH reserves the right to change its services and products at any time without prior notice. ACG provides customer assistance in various technical areas, but does not have full access to data concerning the uses and applications of customer products. Therefore, ACG assumes no responsibility for customer product designs or for infringement of patents and/or the rights of third parties, which may result from assistance provided by ACG.