ACGPass Plug-In Reader Module

RDHP-0406P0-04

The ACGPass Plug-In Module is a highly integrated contact less short range read write device that, with its interoperability capability, supports the whole mifare® family, ISO14443A and ISO14443B RFID-devices. 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-Passport
- e-National ID Cards
- e-Drivers Licenses
- e-Government

- e-Health Cards
- e-Document Authentication
- e-Document Issuing
- Mobile Devices

Technical Data

Part Number	RDHP-0406P0-04		
RF Transmit Frequency	13.56MHz		
Supported Standards	ISO14443A, ISO14443B		
Supported Tag-ICs	mifare® Standard mifare® 4k mifare® ProX mifare® Ultralight mifare® DESFIRE mifare® SmartMX	SLE 55Rxx SLE 66CL160S SLE 66CLX320P SR176 SRIX4K	ISO14443A Tags ISO14443B Tags Jewel Tag Sharp B ASK GTML2ISO TOSMART P032/P064
Communications Interface	CF Card Type II Interface		
Communications Protocol	Specific ASCII or Binary Protocol		
Communications Parameter	9600 Bit/s to 115kBit/s, 8, n, 1		
Firmware Boot-Loader	Yes		
S/W Driver	Not required		
Power Supply	Via CF Card Interface		
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	(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	Ver. 2.2		
Approvals	EN 300-330, CE, RoHS compliant		

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