ACG LF MultiTag Plug-In Reader

RDLP-0106P0-01

The ACG LF MultiTag Plug-In Reader is a contact less proximity read/write device that, with its multi frequency capability, supports most of the available 125kHz and 134.2kHz tags from different suppliers. The unit comes with a Compact Flash Type II Interface. It fits into CF card Type II slots and via an adapter also into PCMCIA Type II slots of any kind of mobile device. The module is easy and fast to be integrated into systems and applications. The built in boot-loader enables firmware field upgrades via the CF card interface.

Typical Applications

- Access Control
- Time and Attendance
- Authentication
- Animal Identification

- Logistics
- Process & Production Control
- Distribution & Supply Chain Management
- Mobile Applications

Technical Data

Part Number	RDLP-0106P0-01		
RF Transmit Frequency	125kHz / 134.2kHz		
Supported Standards	ISO 11784, ISO 11785, ISO 18000-2		
Supported Tag-ICs	Hitag 1 Hitag 2 Hitag S	Q5 EM4X02 EM4X05 (ISO FDX B) EM4X50	TI-RFID Systems 134.2 kHz 64Bit R/O TI-RFID Systems 134.2 kHz 64Bit R/W TI-RFID Systems 134.2 kHz 1088Bit Multipage
Typical Read Time	59ms Serial No. Hitag S 30ms Serial No. Hitag 2 56ms Serial No. Q5	66ms Serial No. EM4002 60ms Serial No. EM4005 95ms Serial No. EM4050	93ms Serial No. TI-RFID Systems 134.2 kHz 64Bit R/O
Host Communication	Point-to-Point		
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	Supported Via CF Card Interface		
Driver	No drivers needed for PDA applications Driver for PCMCIA available		
S/W	DLL (C++) & Reader Utility available for Pocket PC 2002 & 2003		
Power Supply	3.3VDC via CF Card Interface 5.0VDC via PCMCIA Interface		
Current Consumption	160mA @ Active Mode 20mA @ Antenna Off <1µA @ Power Down Mode		
Reading distance	<70mm, depending on tag type and tag size		
Antenna	Integrated		
Size	(LxWxH) 52.0x42.8x8.9mm / 2.05x1.69x0.35Inch (LxWxH) 11.2x42.8x8.9mm / 0.44x1.69x0.35Inch for antenna only		
Weight	15g ± 10% / 0,03 lb ± 10%		
Operating Temperature	0℃ to + 70℃ / 32 F to +158 F		
Storage Temperature	-40℃ to + 85℃ / -40 F to +185 F		
Firmware Version	1.0		
Approvals/Compliances	ETS 300-330, CE, FCC, RoHS		

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