



RALIACOM

Raliacom srl
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RALIACOM B1 - Data sheet

POWER SUPPLY		
Power supply	8 ÷ 32 VDC	With ISO7637 pulse protection
Reset & Watch Dog	Dedicated hardware circuit	Complete power cycle
Low power mode	Programmable	
Internal battery	850 mAh	Rechargeable
GPS - GSM		
GSM/GPRS radio	Quad Band Gemalto® EGS5-X	
GPS receiver	Ublox® MAX-7Q 56 Channels	GNSS: GPS e Glonass
SIM reader	SIM 1.8 e 3 V	
CPU - SOFTWARE		
Cpu	Arm9	Integrated within EGS5X
Flash memory	8 MB	
Ram	1,7 MB	
Programming	Embedded JAVA	Multi-threading with SDK Eclipse
SW Library	Gemalto and Raliacom	
Remote update	OTAP and FOTA	For user app and EGS5X fw
INPUT - OUTPUT		
On/Off input	yes	Under key use
Digital input	3	
Analogue input	2	0 ÷ 10V
Digital output	2	Open Collector
ACCELEROMETER		
3D accelerometer	±2, ±4, ±8, ±16 g	Programmable
INTERFACES		
RS232 serial port	yes	3-line: rx, tx and ground



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USB	yes	Only for SDK
OTHER FEATURES		
Case	Extruded ABS	
Connector	Molex Microfit® 16 pin	With retention clip
Antenna connectors	Fakra®	GSM and GPS colour coded
Operating temperature	-40 +85° C	(battery -20 +60°C)
Dimensions	125 x 70 x 30 mm	
Weight	180 g	
Certifications	CE and ECE R-10	



RALIACOM B1 with external cable



RALIACOM B1 connectors side