



SIERRA WIRELESS GL6100

Easy to go, programmable, industrial Cellular Modem

Brings now cellular connectivity and data services to any disconnected or wired machines

- Cost competitive quad band 850/900/1800/1900 MHz GSM-GPRS class 10 modem, CSD, Fax and SMS
- Controlled via AT command , programmable for setting and AT command customization, GL6100 also features a complete IP connectivity from TCP-IP basic blocks to advanced internet services (POP3,SMTP,FTP,HTTP)
- Features standard interfaces (USB or RS232) for usage with a wide range of industrial equipment
- Small and robust casing for usage in in harsh and rugged industrial environment
- Plug and Play, powered over USB or provided with AC adaptor (RS232 version)

Main characteristics

	GL6100
CELLULAR PERFORMANCES	
BEARERS	GSM/GPRS
RADIO BANDS	Quad band 850/900/1800/1900 2 watts 33dBm EGSM&GSM [850/900], 1 watt 30dBm DCS&PCS [1800/1900],
SENSITIVITY	-108dBm E-GSM ,GSM [850/900], -107dBm DCS, PCS [1800/1900],
APPROVALS	R&TTE, CE, GCF, FCC, PTCRB,
INTELLECTUAL PROPERTY RIGHTS (IPR)	√
CELLULAR DATA	GPRS Class 10, CSD, SMS, Fax
VERSIONS	
RS232	Modem + DB9 / power supply adaptation cable + 2 wire power supply cable
RS232 Plug and Play	Modem + DB9/power supply adaptation cable + Ac adaptor + RS232 cable + GSM antenna
USB Plug and Play	Modem + USB adaptation cable (power over USB) + GSM antenna



Technical Specifications

	RS232	USB	RS232 Plug and Play
INTERFACES			
SERIAL (UART)	√		√
USB		√	
RF	1 FME		
LEDS	√		
SUPPLY VOLTAGE	4,75V to 32V DC input, [2A peak/4,75V, 3mA Idle]		
SIM VOLTAGE	1.8V/3V		
inSIM®	√	√	√
CONTROL OPTIONS			
AT COMMAND AND/OR C/C++ API AND/OR LUA SCRIPT	√	√	√
Programmable for AT command customization	C/C++, LUA	C/C++, LUA	C/C++, LUA
IP connectivity			
TCP-IP	√	√	√
Internet (FTP/HTTP/SMTP/POP3)	√	√	√
MISCELLANEOUS			
PACKAGING	Metal casing	Metal casing	Metal casing
OPERATIONAL TEMPERATURE	-30°C to +75°C	-30°C to +75°C	-30°C to +75°C
ROHS	√	√	√
ACCESSORIES			
ANTENNA		√	√
DB9-Power Supply adaptation cable	√	√	√
RS232 DATA CABLE			√
USB DATA CABLE		√	
POWER SUPPLY	2 wires power supply cable	AC adaptor	6 wires (or optional: 2 wires)
T° range			
Operating	-20°C +55°C		
Storage	-40°C + 85°C		
SIZE			
67mm x 51,5mm x 23,5mm, 60g, plastic moulding			