

# Cellular Modem

GL6100 (RS232)/GL6110 (USB)

Ref. COMS0041  
Webdom Sensors

Easy to go, programmable, industrial Cellular Modem Brings nowcellular connectivity and data services to any disconnected or wired machines.



## MAIN FEATURES

- Cost competitive quad band 850/900/1800/1900 MHz GSM-GPRS class 10 modem, CSD, Fax and SMS.
- Features standard interfaces (USB or RS232) for usage with a wide range of industrial equipment.
- 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).
- 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

### 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

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## TECHNICAL SPECIFICATIONS

	RS232	USB	RS232 Plug and Play
<b>INTERFACES</b>			
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	1.8V/3V	1.8V/3V
inSIM®	✓	✓	✓
<b>CONTROL OPTIONS</b>			
AT COMMAND AND/OR C/ C++ API AND/OR LUA SCRIPT	✓	✓	✓
Programmable for AT com- mand customization	C/C++, LUA	C/C++, LUA	C/C++, LUA
<b>IP connectivity</b>			
TCP-IP	✓	✓	✓
Internet (FTP/HTTP/SMTP/POP3)	✓	✓	✓
<b>MISCELLANEOUS</b>			
PACKAGING	Metal casing	Metal casing	Metal casing
OPERATIONAL TEMP.	-30°C to +75°C	-30°C to +75°C	-30°C to +75°C
ROHS	✓	✓	✓
<b>ACCESSORIES</b>			
ANTENNA		✓	✓
DB9-Power Supply cable	✓	✓	✓
RS232 DATA CABLE			✓
USB DATA CABLE		✓	
POWER SUPPLY	2 wires power supply cable	AC adaptor	6 wires (or optional: 2 wires)
<b>T°RANGE</b>			
Operating	-20°C +55°C	-20°C +55°C	-20°C +55°C
Storage	-40°C + 85°C	-40°C + 85°C	-40°C + 85°C
<b>SIZE</b>			
67mm x 51,5mm x 23,5mm, 60g, plastic moulding			