



Teltonika WirelessCOM/G10

Teltonika WirelessCom/G10 is a device designed for communication with remote devices which have RS232 ports. RS232 interface is one of the industries leading standard. This interface can be found in a large variety of devices like, data loggers, POS terminals, vending machines, PLCs, control panels, various meters, switches, routers and the list goes on. It is a frequent case when such devices are present in remote locations and there is a need to monitor/control/collect data. In such cases GSM network coupled with GPRS/CSD service can provide a very reliable wireless solution. Teltonika WirelessCom/G10 is ready-to-go solution for such situations. It acts as a transparent RS232 port. Thus you would be able to see your devices as directly connected to the computer, no matter how far you are from your devices.

Why do you need to go to your devices for data collection, for device configuration or to monitor and control them, if it can be easily done over the internet using Teltonika WirelessCom/G10. Simply connect Teltonika WirelessCom/G10 to your remote device via RS232 interface and configure WirelessCom/G10 to connect to your server. Whenever some data arrives from your machine to the serial port, WirelessCom/G10 will connect to the configured server and make data transfer. Upon connection you can even send commands to your machine/device from your PC remotely. WirelessCom/G10 will thus transmit all the data coming on its serial port to GPRS and all the data coming from GPRS to serial port. In short it is acting as a bridge between GPRS and the serial port.

In addition to GPRS you can also use CSD connection and reach your remote devices just by dialing into the SIM number of WirelessCom/G10. WirelessCom/G10 also supports SMS bearer. Using SMS you can remotely configure the settings of WirelessCom/G10.

The device can act as a master, and initiate the connection to the server or it can act as a slave and wait for incoming connection.

All in all Teltonika WirelessCom/G10 provides a cost-effective wireless solution of controlling your remote devices which have RS232 interface. No matter how far you are, you can always stay connected with your devices.

FEATURES:

- Provides transparent GPRS/CSD connection
- Receive SMS alerts when exceptions occur in device
- No drivers required, hence works with any device/ machine/equipment/computer
- Simple and informative configuration menu
- Configurable through any terminal software
- Hardware reset from DTR pin (optional)
- Device is remotely configurable through GPRS/CSD/SMS
- Access only through authorized phone numbers (for CSD and SMS)
- Up to 5 configurable authorized phone numbers
- Auto PIN feature, no need to enter SIM card PIN after restart
- Password protected configuration
- Dual colour LED indication for various states of device (Up to 9 states)
- Supports various data formats (8N1,8N2,8E1,8O1,7E1,7O1)
- Firmware update possibility
- CHAP/PAP authentication supported
- CE certified

**TECHNICAL SPECIFICATIONS:****GSM:**

Quad band: 850/900/1800/1900 MHz
GPRS Class 10: 16-24 Kbps upload, 32-48 Kbps download
CSD: Up to 9.6 Kbps
SMS: Text mode

RS232 interface:

Socket: DB9 female
Data rate: Up to 115200
Data bits: 7,8
Parity: Odd, Even
Flow control: No

Physical:

DB9 Female connector for connecting to a PC (or other device).
SIM card holder.
3.5 mm /1.35 mm power supply connector.

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FEATURES COMING UP:

- Clock functionality (24hour clock), configure WirelessCom/G10 to connect to your server at a preconfigured time.
- WirelessCom/G10 utility tool, a PC-side all-in-one software which would include (in the order of priority),
 - o WirelessCom/G10 configurator
 - o WirelessCom/G10 firmware flasher
 - o Simple terminal software
 - o Tcp-serial-tcp software
 - o Virtual serial port software

* The specifications presented in this flyer are subject to change without prior notice.
Maximum data speeds mentioned in the flyer, depend on the services provided by your GSM operator.

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