



# PWC-V1

PWC-V1 is a device designed for communication with remote devices which have RS232 ports. RS232 interface is one of the industry's 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 locations and there is a need to monitor/control/collect data. In such case GSM network coupled with GPRS/CSD service can provide a very reliable wireless solution. PWC-V1 is ready-to-go solution for such situations. It acts as a transparent RS232 Port. Thus you would be able to see your device as directly connected to the computer, no matter how far you are from your devices.

Why do you need to go to devices for data collection, for device configuration or to monitor and control them, if it can be easily done over the internet using PWC-V1. Simply connect PWC-V1 to your remote device via RS232 interface and configure PWC-V1 to connect to your server. Whenever some data arrives from your machine to the serial port, PWC-V1 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. PWC-V1 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 device just by dialing into the SIM number of PWC-V1. PWC-V1 also supports SMS bearer. Using SMS you can remotely configure the settings of PWC-V1. 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 PWC-V1 provides a cost-effective Wireless solution of controlling your remote device which have RS232 interface. No matter how far you are, you can always stay connected with your devices.

## FEATURES:

- Plastic housing IP 68
- Temperature range: -20 °C to +70 °C
- Provides transparent GPRS/CSD connection
- Receive SMS alerts when exceptions occur in device
- No driver 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
- Auto PIN feature, no need to enter SIM card PIN after restart
- Password protected configuration
- Supports various data formats(8N1,8N2,8E1,8O1,7E1,7O1)
- Firmware update possibility
- CHAP/PAP authentication supported

## 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 male  
Data bits: 7, 8  
Parity: Odd, Even  
Flow control: No



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## FEATURES COMING UP:

Clock functionality (24hour clock), configure PWC-V1 to connect to your server at a preconfigured time.