

# GPRS Terminal (TCP)



## AG-1000-11 (TCP)

### AG-1000-11 : TCP GPRS Terminal

AG1000-11(TCP) GPRS Terminal is designed as a cost effective remote system event and monitoring device. With its integrated Quad-band GSM/GPRS Modem, this terminal can be used in any country/region that has GSM800/900/1800/1900 network coverage. It is a terminal that enable a remote ethernet based device to connect to GPRS network and hence allow a host to communicate with the remote device via TCP protocol. Protocol supported are DNP3, Modbus TCP and TCP Data. Additionally the terminal offer 8 DI and 4DO interface to IO device allowing these IOs to be monitored and controlled over GPRS. Furthermore, its compact-designed industrial enclosure ensures that this terminal can be deployed even at those rugged, demanding environments to achieve remote monitoring purposes.

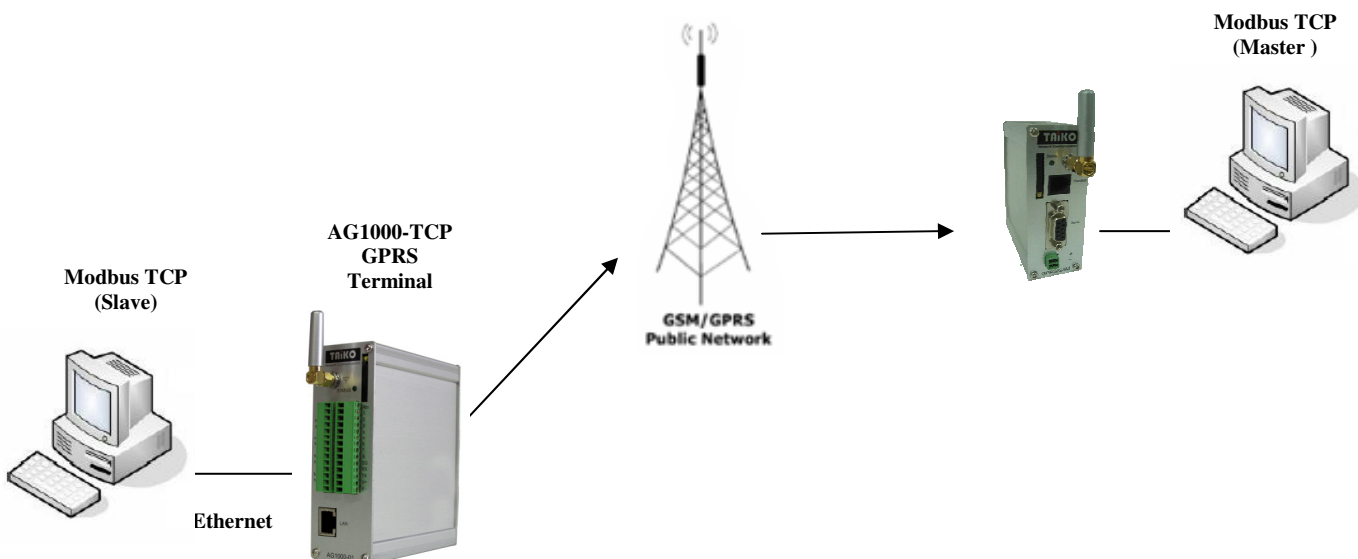
The AG-1000 terminals come with built-in microprocessor chip, running on a real-time operating system. The slave TCP device is to be connected to the Terminal's RJ45 port. Upon power-up, the unit will establish GPRS connection automatically and will try to connect up to its destination server IP and port. Once connection is successful, the serve and remote station proceed to establish data communication.



### Features

- Automatic dial-up function to GPRS network and destination server/SCADA.
- Compact industrialized rugged design.
- Quad-band PCN800/GSM900/DSC1800/PCS1900
- Simple minimal set-up such as to enter the GPRS connection details (user id, password, etc) as required by the local ISP.
- Supports Modbus TCP, DNP3 and TCP communication.

### Applications



# Specifications

<b>Serial Communication</b> <ul style="list-style-type: none"><li>• Ethernet Port : RJ45-10baseT</li><li>• Supports Modbus TCP, DNP3, TCP protocol.</li></ul>	<b>Power Supply :</b> <ul style="list-style-type: none"><li>• Supply Voltage: 7V to 30VDC</li><li>• Current drawn: 180mA (max)</li><li>• Power consumption: 1.2Wdc at 12 VDC</li><li>• Connection: Screw terminal</li></ul>
<b>GSM Standard</b> <ul style="list-style-type: none"><li>• Antenna gain: 2.15dBi (JW-X-003) / 3dBi (JW-X-010)</li><li>• Bandwidth: Quad-band GSM900/DSC1800/PCS1900</li></ul>	<b>General Information :</b> <ul style="list-style-type: none"><li>• Size:130mm x 40mm x 120mm (D X W X H)</li><li>• Weight: 460g</li><li>• Diagnostic LEDs: GSM signal, TX and RX of serial signal</li><li>• Installation Method: 35mm Din-Rail.</li></ul>
<b>Environment</b> <ul style="list-style-type: none"><li>• Operating Temperature: 10°C – 50°C</li><li>• Operation Humidity: 5% – 90% , Non-condensing</li></ul>	

\* Spec\* Specifications subject to change without notice (Ver 1.0)

## Order Information

Model	Description
<b>AG1000-11 (TCP)</b>	<b>GPRS TCP Terminal with 8DI and 4DO</b>