

GSM/GPRS Router

TAIKO
NETWORK COMMUNICATIONS

GR3000

— Tri-Band GSM / GPRS Router

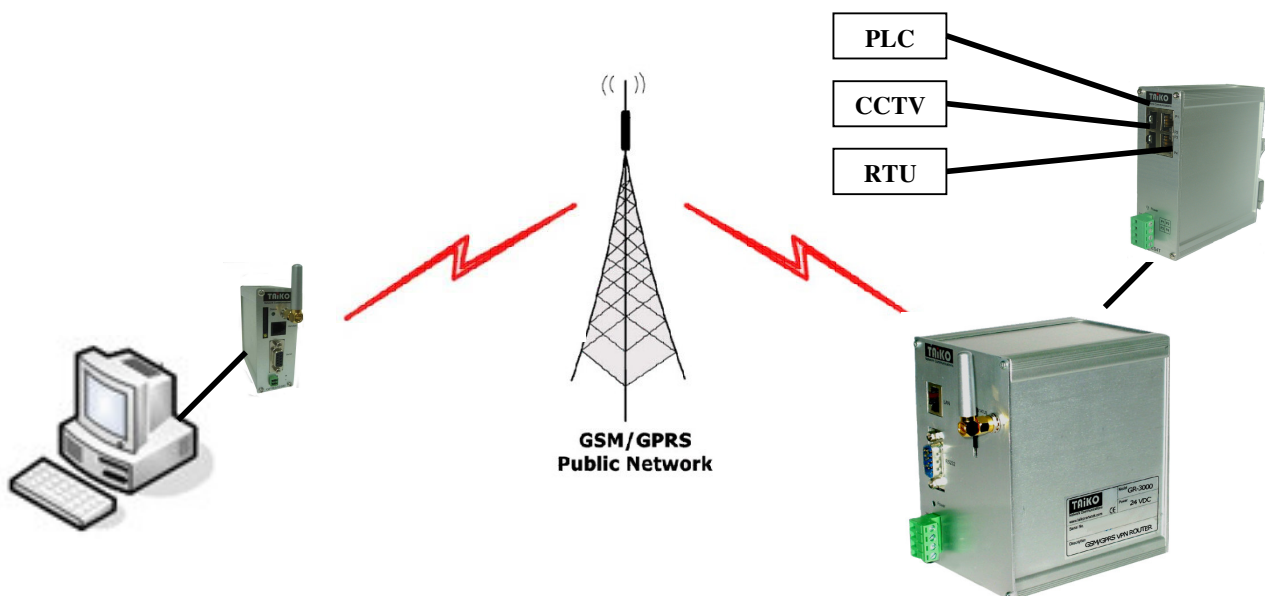
Taiko GR3000 is an intelligently designed and powerful tri-band GSM/GPRS Router. Integrated with a Tri-band GSM/GPRS Module, GR3000 allows remote network connection e.g. VPN, using GPRS data transmission. As such it's very suitable for applications such as data acquisition, ATM, POS, SCADA and surveillance system that requires constant relay of data between the host and remote site. GR3000 router comes with an embedded platform built-in with a processor and can work as a stand-alone device at the remote site.



— Features

- Tri-band GSM900/DCS1800/PCS1900
- Rugged, Industrial IP40 Enclosure
- Open source Linux firmware
- Dial up to GPRS using PPP connection
- Acts as VPN server for remote VPN login to private network
- Can act as a DynDNS client for system that are unable to secure static IP
- Web base monitoring/status report
- Synchronized time from www.clock.org or other public NTP timeservers
- Acts as NTP timeserver for the local network

— Applications



Specifications

Product Feature :

- Tri-Band GSM/GPRS module
 - EGSM900/DCS1800/PCS1900
- Embedded x86 PC with 64MB flash disk, 128 MB RAM

GPRS Packet Data :

- GPRS Class B
- GPRS Multi-slot Class 4
- 3 slot downlink (86.6kbps), 1 slot uplink (42.8kbps), max 4 slot
- Coding Schemes: CS1 to CS4

Software Features :

- Open source Linux firmware : Freesco v0.3.4 with PPTP v1.1.3 (VPN)
- Dial up to GPRS using PPP connection
- Acts as VPN server for remote VPN login to private network.
- Acts as DynDNS client for dynamic IP.
- Web base monitoring/status report.
- Synchronized time from www.clock.org or other public NTP timeservers.
- Acts as NTP timeserver for the local network.

Hardware / Software Interface :

- Antenna Interfaces
 - SMA (50 ohm) RF connector
- Connector Interface including:
 - RS232 D-sub9 Male
 - 1x RJ45 (10/100M) LAN port
 - SIM card holder
 - Dual incoming power supply terminals
 - Power LED signal indicator
 - GSM LED signal indicator

General Information :

- Dimension (H x W x D): 104 x 83 x 132 mm
- Weight: 600 g
- Operating Temperature: - 20 ~ + 60 °C
- Storage Temperature: - 40 ~ +85 °C
- Enclosure Rating: Industrial IP40
- Power Supply: 24Vdc

* Specifications subject to change without notice (Ver 1.0)

Order Information

Model	Description
GR3000	Tri-band GSM/GPRS Router (Antenna not included)

Optional Accessories

GSM-D4-3	GSM Standard antenna
GSM-D4-5	GSM Remote antenna (with 2.5m extension cable)
CAB-232-01	RS232C cable, 1m
DR-01	Din Rail, 35mm, mounting plate