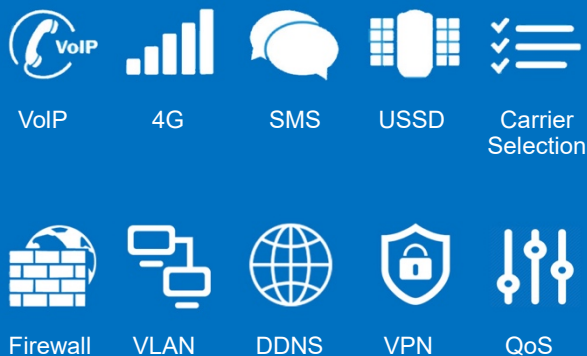


# Yeastar TG Series


## VoIP 4G Gateway for Cost Reduction




Yeastar TG is a series of VoIP 4G gateway connecting 4G LTE network to VoIP network directly and can support two-way communication: 4G to VoIP or VoIP to 4G. It is the best 4G trunking solution for IP-based telephone systems, the best fallback solution in case of landlines outages, and also the best alternative for areas with limited landline or SIP connection.

### Benefits


#### Mobile networks

-  Link up PBX systems with 4G LTE networks


#### SMS

-  Send and receive SMS messages via Web interface and support bulk SMS


#### Easy to install

-  Everything can be easily set up in the Web based management


#### Cost saving

-  Save phone bills tremendously with mobile-to-mobile calls and SIP trunks

#### Back up

-  Work as a cost-effective backup when the landline network goes down

#### Easy to integrate

-  High compatibility with most IP-PBX and softswitches

## Interface

- TG200: 2 4G Channels\*
- TG400: 4 4G Channels\*
- TG800: 8 4G Channels\*
- TG1600: 16 4G Channels\*
- TG200, TG400:  
1 10/100 Mbps Ethernet Interface
- TG800, TG1600:  
2 10/100 Mbps Ethernet Interfaces
- Antenna Splitter (4 in 1 antenna): TG400, TG800, TG1600

## Network & Management

- Network Protocol: FTP, TFTP, HTTP, SSH
- NAT Traversal: Static NAT, STUN
- Static Route
- OpenVPN
- Firewall
- VLAN
- QoS/ToS
- DDNS
- Configure Backup/Restore
- Firmware Upgrade by HTTP/TFTP
- Web based Configuration

## System Features

- Mobile Ports Groups
- VoIP Trunk Group
- Incoming /Outgoing Routing rules
- Black List
- Hotline
- AutoCLIP
- Call Duration Limitation
- Call Transfer
- Call Back
- Call Detail Record (CDR)
- Call Status Display
- NTP
- IP Blacklist
- Network Attack Alert
- Packet Capture
- System Logs

\*Depends on which type of network you order.

## Voice Processing

- Protocol: SIP, IAX2
- Transport: UDP, TCP, TLS, SRTP
- Voice Codec: G.711 (alaw/ulaw), G.722, G.726, G.729A, GSM, ADPCM, Speex
- Echo Cancellation: ITU-T G.168 LEC
- DTMF Mode: RFC2833, SIP INFO, In-band
- SIP Server for IP Phones Included
- SIP Response Code Switch
- Call Progress Tone Generation
- 1 Stage/2 Stage Dial

## Mobile Features

- 4G LTE Band: depends on the module type
- VoLTE if the Carrier Supports
- SMS Sending and Receiving
- Send Bulk SMS
- SMS Center
- Gain Adjustment
- USSD
- PIN Modify
- Carrier Selection: Auto/Manual
- Talk Time Alarm
- Caller ID/CLIR
- Open API for SMS and USSD

## Physical

| Model  | Size (mm)  | Power Supply |
|--------|------------|--------------|
| TG200  | 213x160x44 | AC 100-240V  |
| TG400  | 213x160x44 | AC 100-240V  |
| TG800  | 340x210x44 | AC 100-240V  |
| TG1600 | 440x280x44 | AC 100-240V  |

- Operation Range: 0°C to 40°C, 32°F to 104°F
- Storage Range: -20°C to 65°C, -4°F to 149°F
- Humidity: 10-90% non-condensing