

# Yeastar TG800 VoIP GSM Gateway 8 GM1



Product Name: Yeastar TG800 VoIP GSM Gateway 8 GM1

Manufacturer: Yeastar Model Number: TG800G

Please Note: This product has been discontinued.

Yeastar TG800 VoIP GSM Gateway 8 GM1

The Yeastar TG800 connects GSM or WCDMA or 4G LTE to VoIP networks to provide two-way communication: GSM/3G/4G to VoIP and VoIP to GSM/3G/4G. This allows you to connect most IP-based telephone systems including Yeastar IP Phone Systems, and softswitches to a GSM or 3G WCDMA or 4G LTE; which can provide a sophisticated fallback solution when landlines go down, or be used to increase call traffic capacity by providing additional dial-tone.

Yeastar TG800 Key Features

� GSM Voice Calls

� VoLTE for HD Calls

� Maximum Cost Reduction

� Top Quality and Reliability

ï¿⅓ Mobile Connectivity for SMB

Easy to use

Simple and intuitive Web-based configuration saves you loads of time

Mobile Trunkings

Add GSM/WCDMA trunkings for business making high number of calls to mobile networks Bulk SMS Service

Great tool for enterprises to manage customer relations and introduce special offers with a low cost

Interoperability

Interoperable with a broad list of softswitch, PBX, and IP-PBX like Elastix and Lync Server Yeastar TG800 Technical Specifications

Interface

ï¿1/2 TG800: 8 GSM or 3G or 4G Channels

� TG800, TG1600: 2 10/100 Mbps Ethernet Interfaces

تزاري Antenna Splitter (4 in 1 antenna): TG400, TG800, TG1600

### Voice Processing

� Protocol: SIP, IAX2

ï¿1/2 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

12/2 DTMF Mode: RFC2833, SIP INFO, In-band

ï¿⅓ SIP Server for IP Phones Included

ï¿⅓ SIP Response Code Switch

ï¿1/2 Call Progress Tone Generation

ï¿1/2 1 Stage/2 Stage Dial

### System Features

ï¿1/2 Mobile Ports Groups

� VoIP Trunk Group

� Incoming /Outgoing Routing rules



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- ï¿⅓ Black List
- ï¿⅓ Hotline
- آز½ AutoCLIP
- � Call Duration Limitation
- � Call Transfer
- ï¿⅓ Call Back
- � Call Detail Record (CDR
- � Call Status Display
- NTP ½٪
- ï¿⅓ IP Blacklist
- � Network Attack Alert
- ï¿1/2 Packet Capture
- ï¿⅓ System Logs

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#### Mobile Features

- ï¿1/2 GSM Frequency: 850/900/1800/1900MHz
- ї¿½ WCDMA Frequency: 850/1900MHz, 850/2100MHz, 900/2100MHz
- ï¿1/2 4G LTE Band: depends on the module type
- ï¿⅓ VoLTE if the Carrier Supports
- ï¿⅓ SMS Sending and Receiving
- ï¿⅓ Send Bulk SMS
- ï¿⅓ SMS Center
- ï¿⅓ Gain Adjustment
- USSD ½ نi
- � PIN Modify
- � Carrier Selection: Auto/Manual
- آزٰ½ Talk Time Alarm
- � Caller ID/CLIR
- � Open API for SMS and USSD

### Network & amp; Management

- ï¿⅓ Network Protocol: FTP, TFTP, HTTP, SSH
- � NAT Traversal: Static NAT, STUN
- ï¿⅓ Static Route



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� OpenVPN

تز½ Firewall

۲¿⅓ VLAN % ال

ï¿⅓ QoS/ToS

ï¿⅓ DDNS

� Configure Backup/Restore

ï¿⅓ Firmware Upgrade by HTTP/TFTP

ï¿⅓ Web based Configuration

Physical

� TG100 110x70x24 DC 12V, 1A

## **Please Enquire**