



I N S T R

## MTG200 Trunk Gateway

### Overview

MTG200 is cost-effective trunk gateway equipment specific design for open source market to work with Asterisk/Elastix/small IPPBX. It's built-in echo canceller function and voice decoding conversion function. Users can flexibly select G.711A/U, G.729, G.723,iLBC a variety voice decoding and it easily completes IP and PSTN voice and signal converting. In addition, MTG200 provides friendly GUI configuration interface, users can freely configure and manage the equipment.

### Product Pictures



### Key Benefits

- Cost-effective VoIP trunk gateway
- Support echo cancellation, DJB, VNG, VAD and QoS
- Voice Capacity: G.711A/U 120 channels maximum  
G.723.1/G.729A/B 64 channels maximum(\*optional)
- Simple Configuration, friendly GUI, strong handling capacity, stability system
- Good compatibility, support Asterisk, Elastix, Freeswitch etc.



# Decade Focused

## Creates the High-quality Products

### Physical Interface

- ISDN Interface  
1/2/4\* E1/T1, G.703, 120Ω RJ-48c
- Network Interface  
WAN and LAN, 2 \* 10/100M Base-TX, RJ-45
- RS232 Console  
RJ-45, 115200bps

### Voice and Fax

- G.711A/U law (G.723.1, G.729A/B, iLBC  
—optional)
- Silence Suppression & Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Adaptive (Dynamic) Jitter Buffer
- Call Progress Tone Generation
- Programmable Gain Control
- T.38/Pass-through
- DTMF Mode: Signal/RFC2832/Inband

### Physical Feature

- Power supply:100-240V,50-60Hz  
output:12VDC,1.0A
- Temperature(operation): 0 °C ~ 45 °C  
(storage): -20 °C ~80 °C
- Operation Humidity: 10%-90% no condensation
- Dimension(w/D/H): 225\*150\*38mm
- Weight: 0.75kg

### Signal

- PRI/PRA  
ISDN E1/T1,Japan T1.  
ITU-T I.431, Q.921, Q.931, ETSI Q.sig
- R2 (optional)  
China and other 22 variants

### Protocol

- SIP- RFC3261,3262,3263,3264,  
3265 , 3515,2976,3311
- SDP -RFC 2327
- RTP/RTCP-RFC2198,1889
- Network Protocol  
IP,TCP, UDP,TFTP, FTP, RTP, RTCP,  
ARP/RARP,ICMP Ping, NTP, SNTP,  
Http, DNS

### Maintain & Upgrade

- Web based configuration
- Data backup/restore
- Support English and Chinese
- Firmware upgrade by TFTP/web
- Web & Telnet login password modify
- Factory reset
- Output CDR/logs by syslog
- Call statistics
- NTP Configuration

### Certifications

- CE, FCC