

Feature List of MTG200 Series Trunk Gateway

Specifications	MTG200 Trunk Gateway
General Information	
Product Type	Multiple E1/T1 trunk media gateway between SIP VoIP network with PRI PSTN network
Model Type	MTG200-1/2*E1/T1 and 4*E1/T1(option)
Box Type	Black iron box
Market Target	For the open source market and IPPBX , small call center and other applications
Release Date	19/03/2012
Current Software Version	V2.01.01.01
Current Hardware Version	PCB 04
LEDs Indicator	
PWR	Indicating the status of system power
RUN	Indicating the running status of device
Alarm	Indicating the failure of the device
FE0/FE1	Indicating the Ethernet port activity
E1/T1	Indicating the physical connection of E1/T1 interface
Ethernet Interface	
Number of interface	2 * 10/100 BASE-TX (RJ-45)
Auto adapted	Supported
E1/T1 Interface	
Number of Interfaces	1/2* E1/T1, 4*E1/T1(option) G.703
Max transmission distance	300M
Impedance	120Ω
Connector type	RJ-48
Serial Interface	
Number of interface	1 * RS-232
Rate	115200bps
Connector type	RJ-48
Signals & Protocols	
PRI Signaling	
Protocols compliant	E1 PRI 30B+D and T1 PRI 23B+D
Q.931 / Q.sig	ITU-T I.431, Q.921 and Q.931; ETSI Q.sig; AT&T PRI; Japan T1
SIP Signaling	
Protocols compliant	SIP V1.0/2.0 and RFC3261
Authentication	Supported
SIP domain register	Supported
Voice & FAX	
G.711A/U	Supported
G.723	Optional
G.729	Optional
DTMF mode	RFC2833, SIP INFO and INBAND
FAX over IP	T.38/ Pass-Through, up to 14.4kbps
Trunk Features	
Setting length phone	Supported
Routing management	No routing, only support IP to PSTN trunk function
Time control	Time-Based service

Call Statistics	Supported
Network Features	
Network protocol	TCP/UDP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET and STUN
Static IP	Supported
DNS	Supported
PPPoE	Supported
DHCP	Supported
Security & Reliability	
Admin management	Administrator authentication by username and password
Maintenance & Upgrade	
Web configuration	Supported
Telnet configuration	Supported
Support languages	English
Firmware upgrade	TFTP/Web
Configure file backup	Supported
System log	Supported
QoS	Supported
NTP configure	Supported
Compatibility	
Tested platforms	HW softswitch, asterisk, 3CX, ZTE softswitch , elastix, freeswitch and Siemens system
Mechanical	
Dimension (W*D*H) (mm)	225 x150 x 38mm
Package Size (W*D*H) (mm)	250x270x65mm
Net weight	0.75 kg
Gross weight	1.35kg
Mounting of the chassis	Horizontal
Cabling	Rear
Powering	
Power input	100-240VAC,1.1MAX
Power input	12VDC,1A
Grounding	GND < 1Ω
Max power consumption	8W
Environment-EMC	
Operational	32 ~ 104F / 0 ~ 40°C
Storage environment	-4 ~ 158F / -20 ~ 70°C
Humidity	10%~90%, no condensation
EMC	FCC part 15 Class BCE Mark (EN55022 Class B, EN60950, EN55024, EN300 386)
Safety	CE LVD EN60950-1 : 2006
Certifications	FCC and CE