

MTG600 Trunk Gateway Feature List V2.0

Specifications	MTG600 Trunk Gateway
General Information	
Product type	Multiple E1/T1 Trunk Media Gateway between SIP VoIP network with PRI PSTN network.
Model type	MTG600-1/2*E1/T1 and 4*E1/T1 (optional)
Box type	Black Iron box
Market target	Facing the IPPBX and call center enterprise-class gateway equipment
Hardware	Hardware with embedded operating system
Release date	20/03/2012
Current Software version	V2.02.01.01
Current Hardware version	PCB 01
LED Indicator lights	
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(optional) G.730
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, T1 PRI 23B+D
Q.931 / Q.sig	ITU-T I.431, Q.921, Q.931; ETSI Q.sig, AT&T PRI, Japan T1
SIP Signaling	
Protocols compliant	SIP V1.0/2.0, RFC3261
Authentication	Supported
SIP domain register	Supported
SIP-T	RFC3372, RFC3204, RFC3398
SIP Trunk number	100
Early media	Supported
IP group management	Supported
Voice & FAX	
G.711A/U	Supported
G.723	Supported
G.729	Supported
DTMF mode	RFC2833, SIP INFO and INBAND
FAX over IP	T.38. up to 14.4kbps, Pass-Through

Trunk Features	
Length of phone number set	Supported
Call Flow Control	Supported
TDM channel management	Supported
Multi-Routing management	255 routes, IP->PSTN, IP->IP, PSTN->IP, PSTN->PSTN
Dial time control	Time-Based service
Routing policy	Routed based on caller/called prefix, originating network, route order control, match based on priority, reattempt on alternative routes
Call Statistics	Supported
Number manipulation	125 number manipulation Caller/Called number from any direction
Network Features	
Network protocol	TCP/UDP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET, DHCP
DNS	Supported
Security & Reliability	
Admin management	Administrator authentication by username and password
Maintenance & Upgrade	
Web configuration	Supported
Telnet configuration	Supported
Support languages	English/Chinese
Firmware upgraded	TFTP/Web
Configure file backup/restore	Supported
QoS	None, TOS, DS
System log	Supported
Factory reset	Supported
Compatibility	
Tested platform	HW softswitch, asterisk, 3CX, ZTE softswitch, elastix, asterisk, freeswitch and Siemens system
Mechanical	
Dimension (W*D*H) (mm)	300 x200 x 44mm
Package Size(W*D*H)(mm)	390x245x90mm
Net weight	1.29kg
Gross weight	1.95kg
Powering	
Power input	110~240VAC, 50~60Hz, 1.1A MAX.
Power output	12VDC, 0.5A
Grounding	GND < 1Ω
Max power consumption	10W
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, CE