

MTG-354/358

Analog to GSM Cellular Gateway - 4 and 8 Port



Highlights

- Analog to GSM Gateway
- Supports 4 or 8 FXO/FXS Ports
- Compatible with VoIP Gateways, PBX, Telephone Systems, PSTN or any Analog FXO/FXS devices
- Supports 850, 900, 1800 or 1900Mhz depending on model
- Call Timer
- Least Cost Routing
- 1U High with standard 19" rack mount chassis
- PSTN Fallback when GSM is busy or unavailable
- AC or DC Power Supply options

Applications

- PBX to GSM termination
- Analog VoIP gateway to GSM termination
- Cell to Cell access of a PBX or Telephone System
- Lower termination costs from Analog and PSTN lines
- PBX or Telephone system backup from PSTN to GSM

Analog to GSM Cellular Conversion

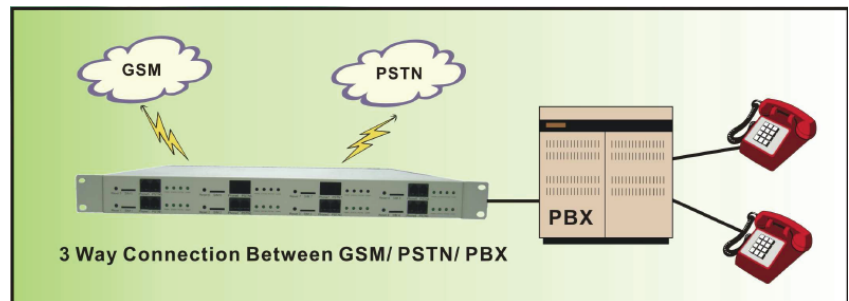
The MTG-354 and MTG-358 are low cost GSM gateways designed to support FXO and FXS conversion.

The MTG-354 and MTG-358 offer transparent conversion from analog FXO/FXS voice lines to GSM cellular. Simply attach a PBX, Telephone system or a VoIP gateway to the analog ports and send your calls out on the GSM cellular network. In many countries the cost of sending voice traffic is much lower than traditional analog PSTN voice lines.

The MTG-354 and MTG-358 offer Fallback and Least Cost routing. In the event a call is destined for the GSM cellular network and not available, the call can automatically be routed to the PSTN. Least cost routing can send calls to the most cost effective route.

The MTG-354 and MTG-358 are housed in a slim 1U rack mount chassis for minimum space requirements. Unlike individual single port units, the MTG-354 and MTG-358 are all manageable from a single chassis.

Programming is done via standard DTMF tones. LED indicators provide visual feedback. AC or DC power options.



Application 1: PBX calls to either PSTN or GSM Cellular

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Specifications

Cellular Capacity	4 or 8 GSM ports
Analog Line Capacity	4 (FXO/FXS) or 8 (FXO/FXS)
GSM Frequency	850, 900, 1800 or 1900 Mhz
Line Impedance	Below DC 1 KHz—600 Ohms
Ringing Voltage	45v rms
DTMF Signal	-3dbm ~ -24dbm
DTMF Duration	50-100ms
DTMF Frequency error level	+/- 1 %
Antenna	50 Ohms coaxial connector(s)
Operating Temperature	-20 to +55 Celsius
Humidity	95% relative humidity - Non Condensing
Electrical	-48Vdc (optional 110 or 220 Vac +/-10%)
Power Consumption	<20 watts
Chassis	1U—19' Rack mount
Indicators	LED (front panel/
SIM Location	Front panel/ 4 or 8