



Analog Cellular Gateway

CGW-T

A Cost-Saving Analog Gateway

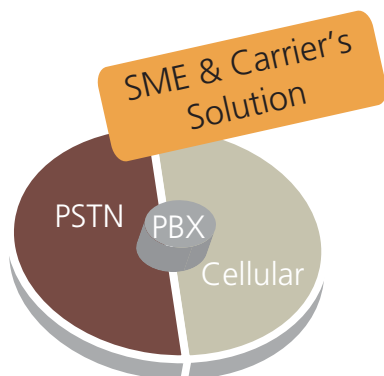


- Significant reduction in communication costs
- Superb audio quality
- Easy to install & operate
- Cost Effective gateway with fast ROI
- PBX or direct phone connection
- Supports GSM/ CDMA networks

The CGW-T is a one channel, analog cellular gateway that connects the office telephony system to the mobile network. Perfectly tailored to meet the specific needs of small or home offices, it provides a stable and reliable tool in a competitive price without compromising on capabilities and audio quality. Connected to the PBX analog trunk or directly to the phone with a plug & play installation, the CGW-T can be up and running in a matter of minutes.

The CGW-T enables offices to save on their expenses by converting fixed-to-mobile calls into lower cost mobile-to-mobile calls and by taking advantage of the Carrier VPN or special business tariff programs. The gateway can be used also as a telephony network access device in places where no other connection is available.

Cellular operators can also leverage on CGW-T to increase their revenues. Placing the gateway at the client premise ensures that the entire office cellular activity will pass via the specific Carrier's network.



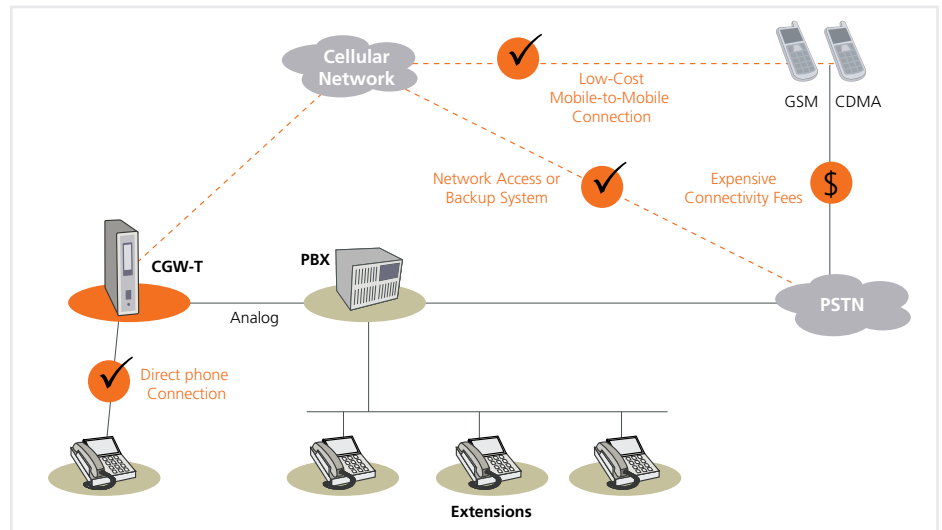
Analog

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Main Features

- Dual-band GSM engine
- Toll Restrictions
- Call Duration control
- Output volume control
- Easy DTMF programming, no PC required
- CLIP / CLIR
- Software upgradeable
- Informative LCD: system & calling status
- Powerful features: LCR table, Roaming, Call Barring, Loop disconnect & Reverse Polarity, CLIP / CLIR and more



Cost-effective connectivity through the ITS Teleco CGW-T

Perfect Solution for:

- Cellular operators
- Small and home offices with extensive usage of cellular calls
 - Remote or in-field workers (VPN)
- Offices without PSTN connectivity
- Temporary or off-site offices (Construction sites, survey camps)
- And more...

Technical Specifications

System

Connections: 2 Wire FXS for PBX CO line

GSM Network Type: GSM Phase II

GSM Module: Integrated dual-band (900/1800, 850/1900 MHz)

Transmission Power:

Max. 2W / 900MHz

Max. 2W / 850MHz

Max. 1W / 1800MHz

Max. 1W / 1900MHz

Receiver Sensitivity: 104 dBm

SIM card: 3V (plug-in, small)

Off-hook AC Impedance: 600Ω

On-hook Line Voltage: 48VDC

Off-hook Line Current Maximum: 25Am

Off-hook Loop resistance threshold: 800Ω

Dial Tone Frequency: 400Hz

Ringing Voltage: 48Vrms, 25Hz

Supported Dialing Type: DTMF

Power Supply Input: 110VAC / 60Hz ; 220VAC / 50Hz

Power supply output: 9VDC, 800mA

Administration

DTMF programming

Control & Maintenance

CLIP/CLIR

SIM protection from unauthorized removal

Gain control

Network lock

Hardware specification

LCD 2x16

Dimensions (HxWxD): 215x45x130mm / 8.4x1.7x5.18"

Weight: 0.8Kg/ 1.76Lbs

Temperature Range 0°C-45°C / 32°F-113°F

Maximum Relative Humidity: 95%

Installation

Wall mounting

Antennas

Antenna: SMA Female

Antenna Cable Length: 2m (6.56ft)

Impedance Antenna: 50Ω



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