ETP-CGW-4G-GSM-V2
4G Voice over LTE (VoLTE)
Cellular Gateway (Version 2)

Description

ETP-CGW-4G-GSM-V2 Cellular Gateway transforms any Talkaphone ETP-120 or ETP-520 Series Analog Call Station from wired landline telephone device into a 4G LTE cellular voice-enabled device.

Features

- Supports 4G LTE network standards—operates on the AT&T, T-Mobile, Verizon, or FirstNet networks
- FXS port allows direct connection of an ETP-120 or ETP-520 Series Analog Call Station
- Includes antenna with 17-foot cable assembly
- Includes two (2) years of cloud monitoring and email alerting for:
    - Online/offline status
    - SIM card removal/insertion

Specifications

Dimensions:	5.0 x 4.2 x 1.4 in. (124 x 107 x 35 mm)
Weight:	0.70 lbs. (0.32 kg)
Mounting:	Integrated surface mounting flanges—mounts into wireless-ready towers and wall mounts
Operating Temperature:	-22°F to 149°F (-30ºC to +65ºC)
Humidity Range:	15% to 90%, non-condensing
Power:	9-16 VDC, 1.7 W (nominal), 3.5W (maximum)
LEDs:	Status, phone, cellular
SIM Card:	Nano-SIM (4FF)
Service Provider:	AT&T, T-Mobile, or Verizon
4G LTE Bands:	B2, B4, B5, B12, B13, B14, B66, B71
Supported Region(s):	North America
Approval(s):	FCC Part 15b PTCRB RoHS
Warranty:	2-year limited warranty

IMPORTANT NOTES:

(1) The ETP-CGW-4G-GSM-V2 Cellular Gateway **does not currently support E911 and cannot dial 911**.

(2) All programming, diagnostics, and identification of the ETP-120/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.

Antenna Requirements

Some tower configurations may require an adapter kit to install the included antenna. Please refer to the table below for further details:

Tower Model Configuration	Vintage	Adapter Kit Model Number
ETP-MT Series models configured with **-PCS** option	Manufactured Before January 2011	ADAPT-MT-CI-4G-001
	Manufactured from January 2011 to Present	ADAPT-MT-CI-4G-002
ETP-MT Series models configured with **-SOLAR60** option	Manufactured from January 2011 to Present	ADAPT-MT-CI-4G-002
ETP-MT Series models **without** either **-PCS** or **-SOLAR60** option	All Vintages	ADAPT-MT-CI-4G-003
ETP-MT/R Series models configured with **-PCS** option	All Vintages	ADAPT-MT/R-CI-4G-001
ETP-MT/R Series models configured with **-SOLAR** option	Manufactured Before May 2016	ADAPT-MT/R-CI-4G-002
	Manufactured from May 2016 to Present	ADAPT-MT/R-CI-4G-003
ETP-MTE Series models configured with **-W** or **-WP** option	Manufactured Before March 2013	ADAPT-MTE-CI-4G-001A
	Manufactured from March 2013 and July 2014	ADAPT-MTE-CI-4G-001
	Manufactured from July 2014 to May 2016	ADAPT-MTE-CI-4G-002
	Manufactured from May 2016 to Present	ADAPT-MTE-CI-4G-003

Options

External Power Supply:	Order model **86396** to add a 120/240VAC input, 12VDC output, 5A outdoor-rated power supply.
Solar Systems: (Requires solar-enabled Talkaphone tower):	Order model **SLR-100-84** for lower geographic regions. Order model **SLR-140-84** for upper geographic regions. For geographic region information, please refer to the [datasheet for Solar Systems](#).
Polling/Call Identification Package:	Talk-A-Lert, Model **ETP-TAL-1**, automatically polls (calls into) each Analog Call Station to validate the call path/route, reports incoming calls, and keeps permanent records of all events. [2]
Prepaid SIM Cards:	Available prepaid Voice over LTE (VoLTE) SIM cards for AT&T and T-Mobile networks. Includes one (1) SIM card and 100 minutes per month. [Contact for further details](#). [1] Order model **SRVC-CGW-4G-V2-ATT-1Y** for a 1-year prepaid AT&T SIM card. Order model **SRVC-CGW-4G-V2-ATT-2Y** for a 2-year prepaid AT&T SIM card. Order model **SRVC-CGW-4G-V2-TMO-1Y** for a 1-year prepaid AT&T SIM card. Order model **SRVC-CGW-4G-V2-TMO-2Y** for a 2-year prepaid AT&T SIM card.

IMPORTANT NOTES:

[1] The ETP-CGW-4G-GSM-V2 Cellular Gateway and VoLTE service **do not currently support E911 and cannot dial 911**.

[2] All programming, diagnostics, and identification of the ETP-120/ETP-500/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.

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Options (Continued)

VoLTE Service Renewal:	Available prepaid Voice over LTE (VoLTE) service renewal includes 100 minutes per month. [Contact for further details](). [1]
	Order model **SRVC-CGW-4G-V2-ATT-1Y-RENEW** for a 1-year prepaid AT&T renewal.
	Order model **SRVC-CGW-4G-V2-ATT-2Y-RENEW** for a 2-year prepaid AT&T renewal.
	Order model **SRVC-CGW-4G-V2-TMO-1Y-RENEW** for a 1-year prepaid T-Mobile renewal.
	Order model **SRVC-CGW-4G-V2-TMO-2Y-RENEW** for a 2-year prepaid T-Mobile renewal.
Cloud Monitoring and Maintenance Plans	Initial hardware purchase includes two (2) years of cloud monitoring, email alerting, hardware limited warranty, firmware updates, and technical support.
	Order model **MAINT-CGW-4G-V2-1Y** for an additional one (1) year.
	Order model **MAINT-CGW-4G-V2-2Y** for an additional two (2) years.

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[1] The ETP-CGW-4G-GSM-V2 Cellular Gateway and VoLTE service **do not currently support E911 and cannot dial 911**.

[2] All programming, diagnostics, and identification of the ETP-120/ETP-500/ETP-520 Series Analog Call Stations are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, Model ETP-TAL-1, Talk-A-Lert Polling and Listening may not function as intended and, therefore, may not be appropriate in that application or environment.