

Voice over LTE (VoLTE) Retrofit Kit for Blue Light Phone Towers

Description

The **Voice over LTE (VoLTE) Retrofit Kit** transforms a legacy wired landline Blue Light Phone Tower into a 4G LTE cellular voice-enabled phone.

Features

- Retrofit kit includes:
 - ETP-520 Series Analog Call Station ²
 - 4G Voice over LTE (VoLTE) Cellular Gateway ¹
 - Antenna with 17-foot cable assembly
 - 2-year prepaid AT&T SIM card with Voice over LTE (VoLTE) service ¹
 - 2-year subscription for Cellular Gateway cloud monitoring and email alerting
- **Phone Number Failover** – When the button is pushed, the built-in auto-dialer can dial up to five (5) numbers. If the first number does not answer or is busy, dials second number. If the second number does not answer or is busy, dials third number—and so on.
- **Physical Location Identification** – Ability to identify the physical location of the call station through a pre-recorded voice message that plays at the beginning of a call
- **Cellular Gateway Cloud Monitoring and Email Alerting** – 2-year subscription included and supervises:
 - Online/offline status
 - SIM card removal/insertion



Specifications

Operating Temperature:	-22°F to 131°F (-30°C to +55°C)
Humidity Range:	15% to 90%, non-condensing
Power:	9-16 VDC, 1.7 W (nominal), 3.5W (maximum)
SIM Card:	Nano-SIM (4FF)
Service Provider:	AT&T
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 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.

Voice over LTE (VoLTE) Retrofit Kit for Blue Light Phone Towers

Ordering Information

Model Series	Cellular Gateway	ETP-520 Series Call Station Configuration	Operating Voltage	SIM Card	
BLPT-RETRO	-CGW-4G-GSM-V2 4G Voice over LTE (VoLTE) Cellular Gateway	-E520E "EMERGENCY" button/signage -E520C "CALL" button/signage -E520EI "EMERGENCY" button/signage and "INFO" button/signage -E520ECK "EMERGENCY" button/signage and "CALL" button/signage with keypad	[Leave Blank] Configured to include a 120VAC power supply (120/240VAC input, 12VDC output, 5A outdoor-rated) -12VDC Configured for solar-ready applications (i.e. 12VDC)	-NSV2 Do not include Voice over LTE (VoLTE) plan and SIM card (i.e. bring-your-own-service) -ATTV2 Includes 2-year prepaid SIM card with VoLTE service (100 minutes/month) on the AT&T network -TMOV2 Includes 2-year prepaid SIM card with VoLTE service (100 minutes/month) on the T-Mobile network	
Example #1	BLPT-RETRO	-CGW-4G-GSM-V2	-E520E	-12VDC	-NSV2
Example #2	BLPT-RETRO	-CGW-4G-GSM-V2	-E520EI	-12VDC	-ATTV2
Example #3	BLPT-RETRO	-CGW-4G-GSM-V2	-E520ECK		-TMOV2

Antenna Requirements

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

Talkphone 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

Voice over LTE (VoLTE) Retrofit Kit for Blue Light Phone Towers

Call Station Requirements

Depending on the make and model of a tower, an adapter kit may be required to support mounting of an ETP-520 Series Analog Call Station. Please refer to the table below for further details:

Tower Make	Tower Model	Adapter Kit Model Number
Talkaphone	ETP-MT Series ETP-MTE Series ETP-MT/R Series	Not Required
Code Blue	1 Series 5 Series	Not Required
GAI-Tronics	Enclosure Stanchion (GAI-Tronics back box required)	ADAPT-56-GA-RM
Ramtel	Ramtel Column	ADAPT-56-GA-RM

Options

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.

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 Cellular Gateway purchase includes two (2) years of cloud monitoring, email alerting, 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.

IMPORTANT NOTES:

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