

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.



Ordering Information

Model Series	Cellular Gateway	ETP-520 Series Call Station Configuration ²	Operating Voltage	SIM Card ¹	
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). Power supply input provides flying leads for hardwiring to meet most local jurisdiction requirements (i.e. NEMA connector (plug) is NOT provided). -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) ¹ -ATTV2 Includes 2-year prepaid SIM card with VoLTE service (100 minutes/month) on the AT&T network ¹ -TMOV2 Includes 2-year prepaid SIM card with VoLTE service (100 minutes/month) on the T-Mobile network ¹	
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

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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Antenna Requirements

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

Talkaphone 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 <u>without</u> 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

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

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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.

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