

AOR-CGW-4G-V
Verizon 4G LTE Cellular Gateway
for Analog Area of Refuge Systems

Description

Model **AOR-CGW-4G-V** is a 4G LTE Cellular Gateway that allows an analog Area of Refuge (AOR) Command Unit to route call off-site through a cellular connection.

The unit includes a built-in battery backup and supervises for loss of AC power input, low battery, and presence of battery.

Features

- Operates on the Verizon Voice over LTE (VoLTE) network—service and SIM card provided by others
- RJ11 port facilitates connection to an analog AOR Command Unit
- Built-in battery backup supports up to 24 hours of standby time and up to four (4) hours of talk time
- Supervises for loss of AC power input, low battery, and presence of battery—the unit will output a Form C contact when any of these events occur
- Antenna not included—available antenna kit facilitates installation in a location with optimal cellular signal



Specifications

Dimensions (W x D x H):	13.0 x 3.25 x 13.5 in. (330.2 x 82.55 x 342.9 mm)
Weight:	15.5 lbs. (7.1 kg)
Storage Temperature:	-4° F to +158° F (-20° C to +70° C)
Operating Temperature:	32° F to +120° F (0° C to +49° C)
Relative Humidity:	85% +/-5%
Environment:	For indoor use
Mounting:	Surface mount
Power Input:	Voltage: 115 VAC Frequency: 60Hz AC Current: Maximum 3.5A Fuse Rating: 5A/250V
Supervision:	AC power input failure outputs a Form C contact Low battery and battery absence outputs a shared Form C contact
Programming:	Terminal application (command line) through a Mini USB connection
SIM Card:	micro-SIM (3FF)
Service Provider:	Verizon For Verizon plan details, please visit: https://talkaphone.com/hubfs/Technical%20Bulletins/TAP_Technical_Bulletin_30_3_Verizon_Plans_ETP-CI-4G-V_2021_04_12.pdf
Cellular Connection:	4G LTE Bands 2, 4, 5, 12, 13, 66, 71
Supported Countries:	United States (Verizon certified)
Compliance:	UL 1481, UL 62368-1, CSA C22.2#62368-1
Approval(s):	Verizon Certified, PTCRB, FCC ID: RI7LE910CXNF
Warranty:	5-year limited warranty

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Options

- MIMO Antenna (6ft. Cable): Order model **AOR-CGW-ANT-6-KIT** for a MIMO antenna with a 6-foot cable assembly. Includes U-bolts and 2-inch right-angle mounting bracket.
- MIMO Antenna (17ft. Cable): Order model **AOR-CGW-ANT-17-KIT** for a MIMO antenna with a 17-foot cable assembly. Includes U-bolts and 2-inch right-angle mounting bracket.
- Prepaid SIM Cards: Available prepaid Voice over LTE (VoLTE) SIM cards for the Verizon network. Includes one (1) SIM card and 100 minutes per month. [Contact for further details.](#)¹
Order model **AOR-CGW-4G-SRVC-VZW-1Y** for a 1-year prepaid Verizon SIM card.
Order model **AOR-CGW-4G-SRVC-VZW-2Y** for a 2-year prepaid Verizon SIM card.
- VoLTE Service Renewal: Available prepaid Voice over LTE (VoLTE) service renewal includes 100 minutes per month. [Contact for further details.](#)¹
Order model **AOR-CGW-4G-SRVC-VZW-1Y-RENEW** for a 1-year prepaid Verizon renewal.
Order model **AOR-CGW-4G-SRVC-VZW-2Y-RENEW** for a 2-year prepaid Verizon renewal.

IMPORTANT NOTES:

¹ The 4G LTE Cellular Gateway for Analog Area of Refuge Systems and VoLTE service **do not currently support E911 and cannot dial 911.**

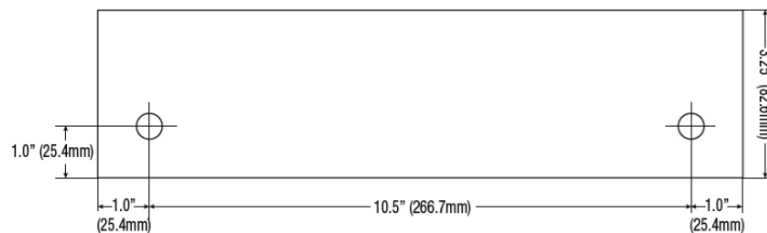
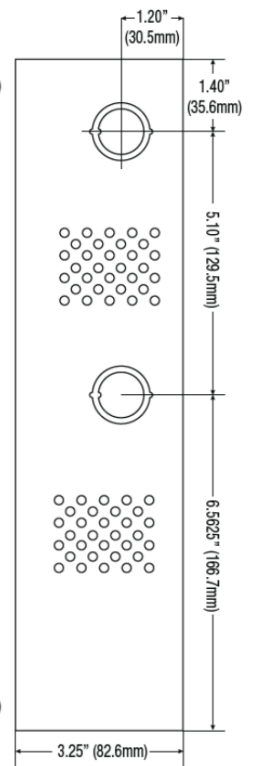
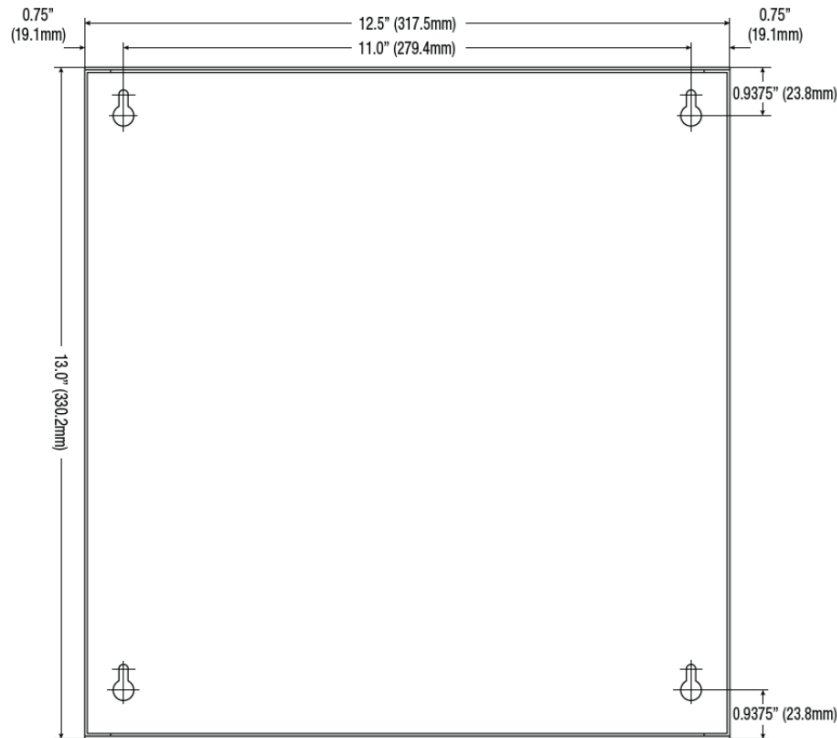
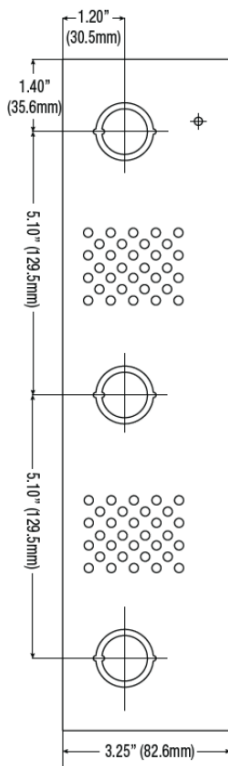
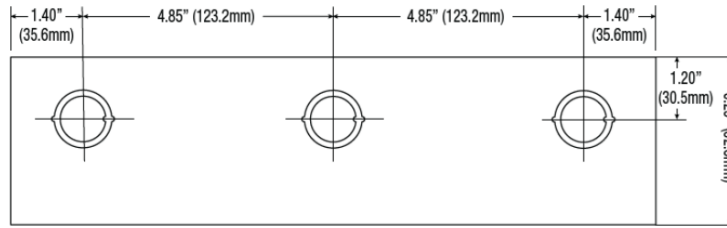
² All programming, diagnostics, and identification of analog Area of Refuge Systems are accomplished through the transmitting and receiving of in-band DTMF signals. Cellular transmissions and cellular networks may interfere with and distort these tones. As a result of these irregularities, the 4G LTE Cellular Gateway for Analog Area of Refuge Systems may not function as intended and, therefore, may not be appropriate in that application or environment.

AREA OF REFUGE

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Dimensional Diagram



All dimensions are in inches and are provided for reference only.