

RACO is proud to introduce the next generation of the Cellularm. An out-of-the-box plug and play POTS to Cellular converter that allows you to maintain your traditional landline auto dialer but get rid of the messy and expensive landline phone bill.

This next generation product is assembled by RACO at our factory in Berkeley, CA. This product is designed to meet the specifications of our most forward thinking customers.

The Cellularm is an enterprise-grade router that simultaneously leverages both the voice and data networks for POTS line replacement. The Cellularm can also be paired with a third party line manager that allows for redundancy in the case that either one of the communications protocols fails.



TOP FEATURES OUT OF THE BOX

- **Plug and Play** - Simply plug your analog autodialer (Verbatim, Verbatim Gateway, Catalyst, or Guard-IT) in and it works.
- **Affordable Annual Subscription** - STOP paying exorbitant prices for your landline to the legacy carriers. Use that money for more important operating expenses
- **Tone Stabilization** - Advanced 16khz HD audio for DTMF tone devices
- **PSTN Device Ready** - Compatible with existing standard POTS/PTSN equipment
- **Secured Network** - All devices are secured over the LTE network

Data Sheet

Max powder consumption:	0.25W / 0.5W	Antenna amplifying:	>2.5db
Standby:	Less than 25mA	Input power:	DC 10V - 20V
Transmission:	Less than 400mAh	Dimensions (average):	170 x 118 x 30mm (L x W x H)
Sensitivity:	-105dB	Weight:	1.6 lbs (Cellularm ONLY)
Dial tone frequency:	450MHz (standard)	Connection mode:	RJ-11 phone sockets
Hanging Voltage:	45V	Antenna connection:	SMA female
Picking current:	30mA/41mA	Battery backup:	Primary; Li-ion 1000mAh. Up to (40hrs standby) (2.5 hrs. Transmitting) External Secondary:
Operation temperature:	-10°C ~ +60°C	Material:	Galvanize steel
Operation humidity:	45% ~ 95%	Power Supply:	Mean Well GST25A12-P1J
Atmosphere pressure:	86 ~ 106KPa	4G LTE	B2/B4/B5/B12/B13/B14/ B66/B71
Environment noise:	<60dB	Certifications	FCC identifier: 2ALP-8848 FCC and Rule Parts 24E, 27
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Specifications

	BCELL-LTEG2	BCELL-NEMA4X
Dimensions	8.0 in. (203.2mm) x 5.0 in. (127mm) x 1.1 in. (28mm)	16 in. (406mm) x 14 in. (356mm) x 8 in. (203mm)
Weight	1.6 lbs.	See Saechao 30 lbs.
NEMA Type	N/A	NEMA 4X
Enclosure Material	Galvanized Steel	Fiberglass
Inner Panel	N/A	Galvanized Steel
Door Design	N/A	Hinged
Locking Feature	Screw	Latched
Mounting	Integrated Mounting Brackets	Wall
Finish	Black powder coated	Matte
Standards	N/A	CSA Certified, cUL, IEC, REACH, and RoHS Compliant; UL Listed

Cellularm Pricing

SKU	Description	List Price
BCELL-LTEG2	Hardware standalone. Rubber ducky antenna included. Additional antenna and cable kits available for purchase separately.	\$2,075
BCELL-NEMA4X	Large NEMA4X enclosure with custom backplate and configuration to be used if you want an integrated solution with an autodialer and a Cellularm. Supports Verbatim, Verbatim Gateway, Guard-IT and Catalyst autodialer models. Delivered with specific hardware mounted. This SKU does NOT include the Cellularm unit or the autodialer hardware. Those items must be ordered separately. RACO will mount everything into one solution.	\$750
BCELL-SILTE-ATT	One year of new Cellularm service on ATT	\$400 Per year
BCELL-SILTE-VZ	One year of new Cellularm service on Verizon	\$400 Per year

Note, we are no longer bundling products together in packages.

Antenna Upgrade Pricing (Optional)

SKU	Description	List Price
LTE Antenna Options		
AC-LTEOD	Omnidirectional Antenna	\$275
AC-LTERM3N	RM3N Antenna	\$130
AC-LTERM3S	RM3S Antenna	\$130
AC-LTEY	Yagi Antenna	\$450
Antenna Cables		
AC-RAP	8in RF Pigtail	\$185
AC-CABLE30NA	SMAM-LMR195-NM-30 ft Cable	\$150
AC-CABLE30NN	NM-LMR195-NM-30 ft Cable	\$170
AC-CC36	36" RF Cabinet Cable	\$75
AC-CC6	6" SMA to N Cabinet Cable	\$45
Antenna Kits		
AC-CCK	Cabinet Cable Kit: <ul style="list-style-type: none"> ● 36" RF Cabinet Cable ● LTE RM3N Antenna 	\$215
AC-ECK	Extension Cable Kit <ul style="list-style-type: none"> ● Antenna Mount Bracket NT-MK ● SMAM-LMR195-NM-30 ft Cable 	\$215
AC-COMplete	Cabinet cable and Extension Cable Kit <ul style="list-style-type: none"> ● 36" RF Cabinet Cable ● Bulkhead Connector ● NM-LMR195-NM-30 ft Cable 	\$285

	<ul style="list-style-type: none"> • Antenna Mount Bracket NT-MK 	
AC-NEMA	Cabinet Cable kit for AA Nema <ul style="list-style-type: none"> • 8in RF Pigtail • Antenna Mount Bracket NT-MK • Bulkhead Connector • NM-LMR195-NM-30 ft Cable 	\$390

Ordering

If you wish to order just one standalone Cellularm unit, use BCELL-LTEG2 and nothing more. Previously we referred to this as a "No Enclosure" product. The standard stock is now "No Enclosure." Service will be added on using the preferred carrier, which will be defined in the service SKU that is ordered, not based on the product. Gen2 does not have different hardware depending on the carrier selected.

Ordering a bundle, for example of a 4 Channel Verbatim (VSS-4C), in a NEMA4X enclosure, with a Cellularm mounted, and a year of AT&T service, the order would need to be as follows:

1. BCELL-LTEG2
2. BCELL-NEMA4X
3. BCELL-SILTE-ATT
4. VSS-4C

Special antennas and kits (Yagi, Omni-directional, etc) can be ordered using their respective SKUs.

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