PRODUCT BRIEF

JANUS REMOTE COMMUNICATIONS

LTE910PS POTSwap

Description

The Janus POTSwap allows users to replace analog (copper) phone lines, also called POTS (plain old telephone service) or PSTN (public switched telephone network), with a cost-competitive POTSwap unit and cellular voice and data plans. The POTSwap converts your fixed location landline devices to cellular enabled fixed or mobile implementations.

Installing a POTSwap is the easiest way to switch legacy equipment from traditional phone landlines to a 4G LTE network. The existing phone line is connected directly to POTSwap. Simply unplug the telephone jack from its wall outlet and plug it into the POTSwap's RJ11 socket. Insert the appropriate SIM card into the back panel of the unit.

Integrating Telit's LE910C1-NF LTE module as their cellular engine, the LTE910PS POTSwap units operate in LTE bands 2, 4, 5, 12, 13, 14, 66, 71 with fallback to HSPA+ bands 2, 4, and 5. North American carriers include: AT&T, T-Mobile, and Verizon. Rogers, Bell and Telus versions will be available soon for Canadian customers.

Janus offers carrier voice and data plans in support of the LTE POTSwap. Equipment lease options are available to qualified customers. Contact Janus for more information.

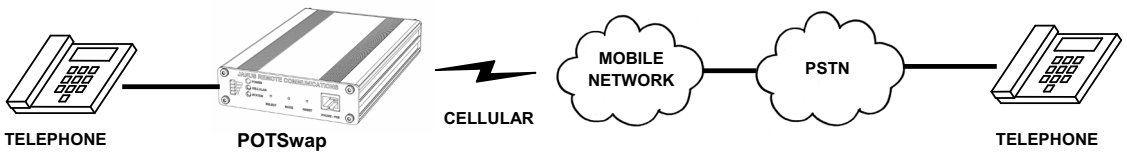
Features

- Supports 3G and 4G network standards
- Wide operating temperature range
- ARM Cortex-M3™ processor
- Firmware upgrade support
- Flexible power supply options
- Rugged aluminum enclosure

Applications

- Emergency phone kiosks
- Broadcast trucks
- Marine telephones
- Mobile office trailers
- Elevator telephones
- Public School Districts

POTSwap Connectivity



2359 Diehl Road
Aurora, IL 60502
630.499.2121
info@janus-rc.com
www.janus-rc.com

Bulletin	JA16-LTE-PB
Revision	00
Date	18 June 2019

Telit is in it.
Making machines talk.

POTSwap

Specifications

Interfaces

Modem/Telephone	RJ11 FXS
Serial	USB Mini -- user terminal interface for configuration and firmware upload.
Cellular Antenna	SMA
GPS Antenna	SMA; 3.3 V LNA bias voltage output.
Power Input	7-15 Vdc; 22W with two input alternatives: 6mm DC power jack with 2mm center pin positive 5.08mm (0.200”) terminal header (accepts screw clamp and crimp connector type terminal blocks)

Features

SLIC	Performs all BORSCHT functions DTMF decoding REN=5 at 100 ft. (30m)
Voice	VoLTE (4G) and Voice over cellular (3G fallback)
Cellular Connection	4G (LTE) bands 2, 4, 5, 12, 13, 14, 66 and 71. Plus 3G (fallback) bands 2, 4 and 5.
SIM Card	Micro (3FF size) SIM Card
Mounting	Integrated mounting brackets
Pushbuttons	MODE and RESET
LEDs	Power, Status, Cellular Link, GPS and Signal Strength
Dimensions (L x W x D)	6.0 in (152mm) x 5.2 in (132mm) x 1.2 in (30mm)
Weight	13 oz (365 g)

Environmental

Operating Temperature	-40° C to +60° C (-40° F to 140° F) *(Note: 6mm DC power jack is not specified for operation below -25°C)*
Relative Humidity	5% to 95% (non-condensing)

LTE POTSwap Ordering Information

POTSwap MODEL	DESCRIPTION
LTE910PS v1.00	AT&T, Rogers, Bell and Telus (Firmware .263)
LTE910PS v2.00	Sprint (not available until VoLTE is supported)
LTE910PS v3.00	Verizon (LE910C1-NF module on hold at Verizon)
LTE910PS v4.00	FirstNet (specifically for First Responders)
LTE910PS v5.00	T-Mobile (Firmware .264)

Revision History

Revision	Revision Date	Note
00	06/18/19	Initial Release

JANUS REMOTE COMMUNICATIONS

Division of The Connor-Winfield Corporation
2359 Diehl Road • Aurora, IL 60502
630.499.2121 • info@janus-rc.com
www.janus-rc.com

Contact Sales for Additional Special Order Options:

Dave Jahr: djahr@janus-rc.com | 630-499-2121