# Carina PBX

## Model No: WL-PBX-CAR

## Description

Wahsega's Carina PBX is a powerful IP PBX appliance that allows larger organizations to set up their own SIP phone system with Wahsega devices or it can be used to integrate with existing IP PBX systems via SIP trunking to eliminate expensive third-party SIP license fees. In addition to Wahsega endpoints, the Carina PBX supports any SIP device allowing the use of third-party SIP phones and endpoints.

With a built-in DHCP Server, the Carina PBX can also be an integral part of a truly isolated VoIP network when security or access is a concern. In addition, the Carina PBX integrates seamlessly with the Carina Event Manager to provide a complete paging solution.

## Key Features

- Up to 256 registered SIP VoIP clients
- Support for 2 independent external gateways
- Up to 64 Ring groups and hunt groups
- 2 concurrent calls to external gateways
- Discoverable via SSDP in Windows Explorer
- Fully configurable via simple, built-in web pages
- Built-in DHCP server
- Automatic registration with Carina Event Manager
- Remote firmware upgradeable
- Fast boot time
- Software/configuration reset button
- Multiple mono codecs to choose from
- 10/100 Ethernet port with Power-over-Ethernet (802.3af PoE)
- +9V to +16V DC input (if not using PoE)
- Lowest power consumption of any IP PBX in the market (<2W)

| Job Name: | Date: | Location: |
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## Specifications

- Ethernet: 10/100 Mbps
- Protocol: SIP RFC 3261 compatible
- Power Input: PoE 802.3af or +9-16V DC input
- Audio Codecs: G.711, G.726 (16/24/32/40kbps), G.722, G.729
- Current Draw: <2W
- Impedance: 600Ω
- Max Cable Length: 100m (per standard)
- Temperature Range: -40C to +60C
- Output Trim Range (web configurable): +4dBu to -10dBV nominal
- Construction: Aluminum extrusion with aluminum faceplates
- Dimensions: 1.66" H x 4.75" W x 5.30" D
- Weight: 0.93lb
- Regulatory Compliance: FCC Class A
- Warranty: 3 years limited

## Installation

- Connect your PBX to your PoE (Power over Ethernet) with a Cat5e or Cat6 cable for power.
- Place on a 1U Server Rack Shelf
- Initial PBX Setup video
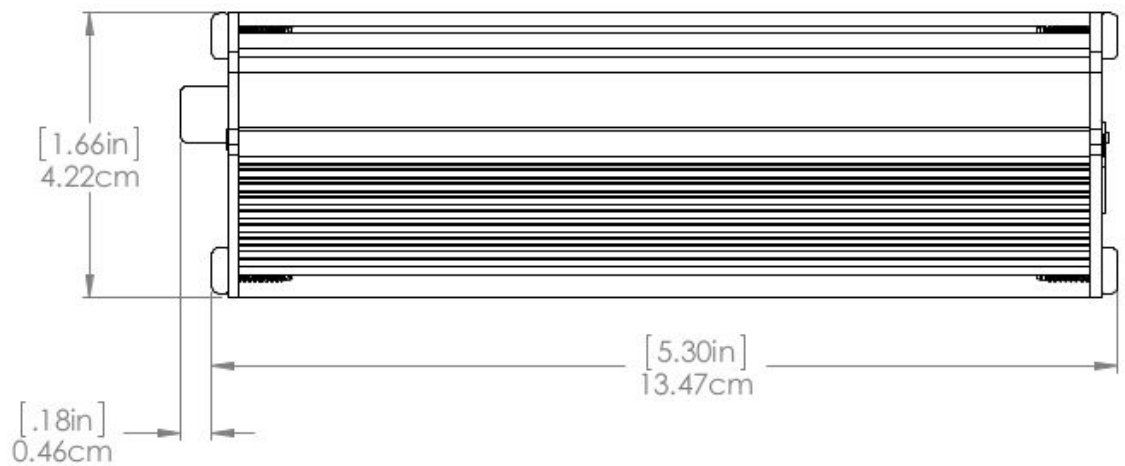- How To Create an Extension in the Carina PBX video

## Compatibility

- Carina Event Manager: WL-EM-CAR
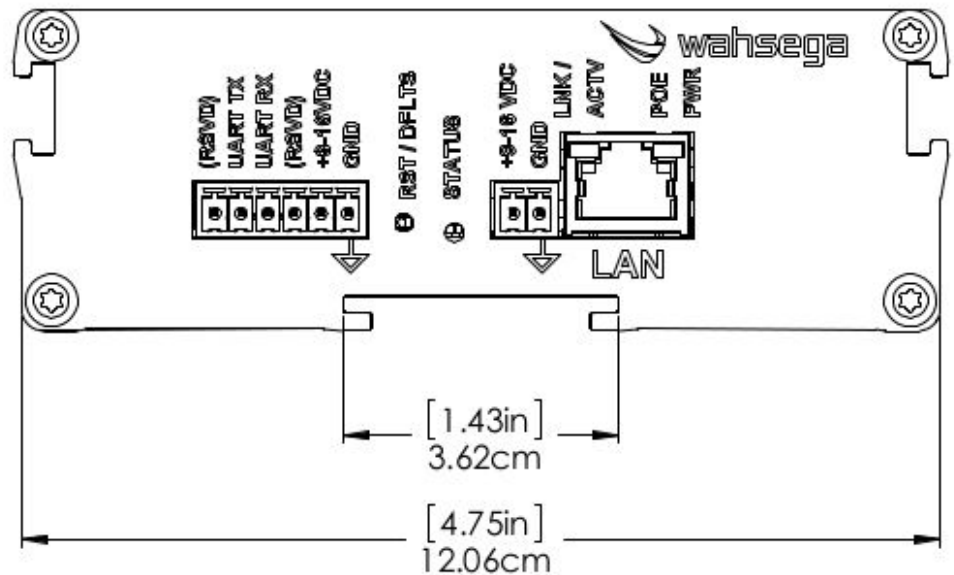- Carina Event Manager Lite: WL-EM-CAR-LITE

| Job Name: | Date: | Location: |
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| Notes: | | wahsega |

## Dimensions

**Side View**

[1.66in]
4.22cm

[5.30in]
13.47cm

[.18in]
0.46cm

**Rear View**

(RSVD)
UART TX
UART RX
(RSVD)
+8-18VDC
GND
RST / DFLTS
STATUS
+8-18 VDC
GND
LNK / ACTV
POE
PWR

wahsega

LAN

[1.43in]
3.62cm

[4.75in]
12.06cm

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