

VoCoVo Base Unit

The **VoCoVo Base Unit** provides the wireless backbone to the range of VoCoVo devices. The Base Units can be used in isolation (standalone) or networked to provide a multi-cell wireless infrastructure.

The VoCoVo wireless backbone integrates Headsets, Handsets, Smart Devices, Checkout Keypads, Customer Callpoints, Smart Buttons, Badges, and Wearables. VoCoVo devices communicate within a conference to provide team communications and individually when one-to-one communication is required.

With a range of up to 120 metres at each cell, and multi-cell capability, VoCoVo can cover the largest of sites with ease. From Multifloor/Multi department retail, to stadiums, and beyond.

Multiple conferences can be created with multi-cell installations. Colleagues are able to switch and merge conferences where device permissions have been configured.

Base Units and VoCoVo devices are remotely provisioned, configured and upgraded with VoCoVo devices receiving over-the-air updates.



Key Features

- Up to 1000 Wireless VoCoVo Headsets/Devices in a system.
- Highly scalable systems from 1 to 250 Base Units.
- Up to 100 VoCoVo Repeaters in a system.
- Easily add and remove VoCoVo Headsets/Devices.
- Colleague and customer requests from wireless checkout Keypads and Callpoints.
- Full duplex audio between headsets/devices and checkout Keypads/Customer Callpoints.
- Inputs such as self service checkouts, and alarms, keep colleagues informed and aware.
- Remote configuration and firmware upgrades.
- Network Integration IEEE802.3af POE for simple installation.
- Multi-Base Unit radio with seamless handovers between Base Units.
- Optional integration with telephone systems.
- Expandable to incorporate integration of additional systems and devices such as VOIP devices, Fire/Security Systems, Radio Paging, Smart Phones...

Product Specification

Dimensions Incl. Stand (mm)	200H x 150W x 57D (Indoor enclosure) 220H x 220W x 50D (Outdoor enclosure)
Weight	330g (Indoor enclosure) / 580g (Outdoor enclosure)
Antennas	Internal omni-directional antennas Indoor Range: 50 m / Outdoor Range: 300 m
Frequency	1880 – 1900 MHz (10 carriers) Europe/AU/NZ 1910 – 1930 MHz (10 carriers) Latam 1920 – 1930 MHz (5 carriers) US
Standards & Approvals	EN301406 (TBR6) EN30176-2 (TBR10) EN60950-1 (Safety) IEC60950-1 - CSA-c CSA-us or UL60950-1 EN301489 (EMC, ESD) RF (EMF, SAR) FCC part 15D, conducted & radiated FCC part 15B RSS213
Temperature Range °C	-5° to +55°
Power Supply	Power over Ethernet (PoE): 48V - IEEE802.3af (Class 2)
Energy Usage	4W (per unit)
IP Ratings	Indoor enclosure - IP20 / Outdoor enclosure - IP54/65