

CALL BOX

C600

VOGTEC
www.vogtec.com

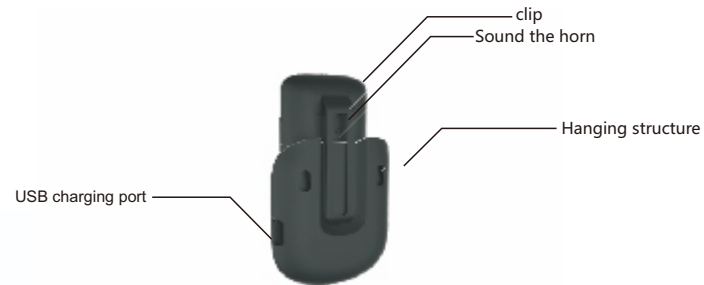


C600 has been designed on latest Mobile platform , and let the users who need to stay connected while keeping their hands free to perform their regular job duties. Utilizing an enterprise class Wi-Fi network, the C600 delivers hands-free, real-time voice communication between customers whenever needed.

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Product Overview

- It is a wearable lightweight, voice-controlled device utilizing intuitive commands to enable hands-free, instant two-way or one-to-many conversations.
- Compatible with many SIP base communication system, which enables intelligent call routing based on name, role, availability and shift-changes, ensuring calls and critical information instantly reach the right care team member in the right place.
- In-built BT make C600 to work with most BT sensor or device to transfer data to manage center.
Optional WCDMA module extends C600 clinician comm. coverage out of hospital, and home too

Usability

- High-contrast 2.4' LCD on the front of the badge facilitates ease of readability. Do-not-disturb button eliminates interruptions when necessary. Illuminated halo around call button provides visual status.
- In case activated, Inbuilt G sensor detect slip of patient and alert to nurse automatically

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Highlights

- SIP based firmware support best compatibility with many Hospital communication system, and firmware & configure with auto provision.
- MOBILE platform chipset with excellent power management, which extend unit working hours than many WIFI voice device
- EASY operation, as voice indentify calling in handsfree mode allows staff to keep working while communicating.
- WEIGHT Less Than 80 g; Lightweight, wearable design ensures the C600 is readily available and easy to use.
- RELIABLE design and wireless charging design provides HMS waterproof and durability in missioncritical mobile environments.
- ACOUSTIC Performance reached to the best, as multi-microphone design, high-quality speaker, and integrated acoustic noise reduction (ANR) improve audio clarity and decreases interference from background conversations and other sounds to improve speech recognition in noisy environments.

WCDMA & GSM SPEC (optional) Mt6166

- CPC(DTX in CELL_DCH,UL DRBX DL DRX), HS-SCCH-less,HS-DSCH
- MAC-ecs
- Uplink cat.6,throughput up to 5.7Mbps
- Downlink Cat.14,throughput up to 21Mbps
- Fast dormancy
- ETWS
- Network selection enhancements
- GSM quad vocoders for adaptive multi-rate(AMR),enhanced full rate (EFR),full rate(FR) and half rate (HR)
- GSM channel coding, equalization and A5/1,A5/2 and GEA3 Ciphering
- Programmable GSM/GPRS/EDGE modem
- packet switched date with CS1/CS2/CS3/CS4 coding schemes
- GSM circuit switch date
- GPRS/EDGE CLASS 12
- Supportd SAIC(Single antenna interrence cancellation) technology
- Supports VAMOS(Voice services over Adaptive Multi-user channels on One Slot) technology in R9 spec

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Specification

- Physical Dimension
98x50x6.5mm
- Weight
less than 80g
- LED Indicators
Bi-color LED, illuminated halo
- Display Screen
2.4' TFT LCD, 240x320dots
- System
Android 4.4
- Microphone
Frequency Range, 350-3.75kHz;
Quad MEMS Microphone array
Speakerphone Frequency Range,
500 Hz to 3.75 kHz; Peak Loudness,
85 dB SPL at 10 cm Battery: Lithium
ion polymer; standard by,30+hours;
talk, 3+hours
- Drop Spec
1.5 meters onto concrete
- Vibration motor
on / off settable

WI-FI

- Single-bang(2.4GHz)single stream
802.11 b/g/n MAC/BB/RF
- 802.11 d/h/k compliant
- Security:
WFA WPA/WPA2 Personal,
SPS2.0,WAPI(Hardware)
- QoS:
WFA WMM,WMM PS
- Supports 802.11n optional features:
STBC,A-MPDU,BLK-Ack,RIFS,MCS
feedback,20/40MHz coexistence
(PCO),unschedules PSMP
- Supports 802.11w protected
managed frames
- Supports Wi-Fi Direct(WFA P-2-P
standard) supports HotSpot 2.0
passpoint
- per packet TX Power control

Blue Tooth

- Bluetooth specification v2.1+EDR
- Bluetooth specification 3.0+HS
compliance
- Bluetooth v4.0 Low Energy (LE)
- RX sensitivity: GFSK-95dBm
- BEST-in-class BT/WI-FI coexistence
performance
- Up to 4 piconets simultaneously with
background inquiring/page scan
- Supports Scantternet
- Packet Loss Concealment (PLC)
function for better voice quality
- Low-power scan function to reduce
power consumption in scan modes

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