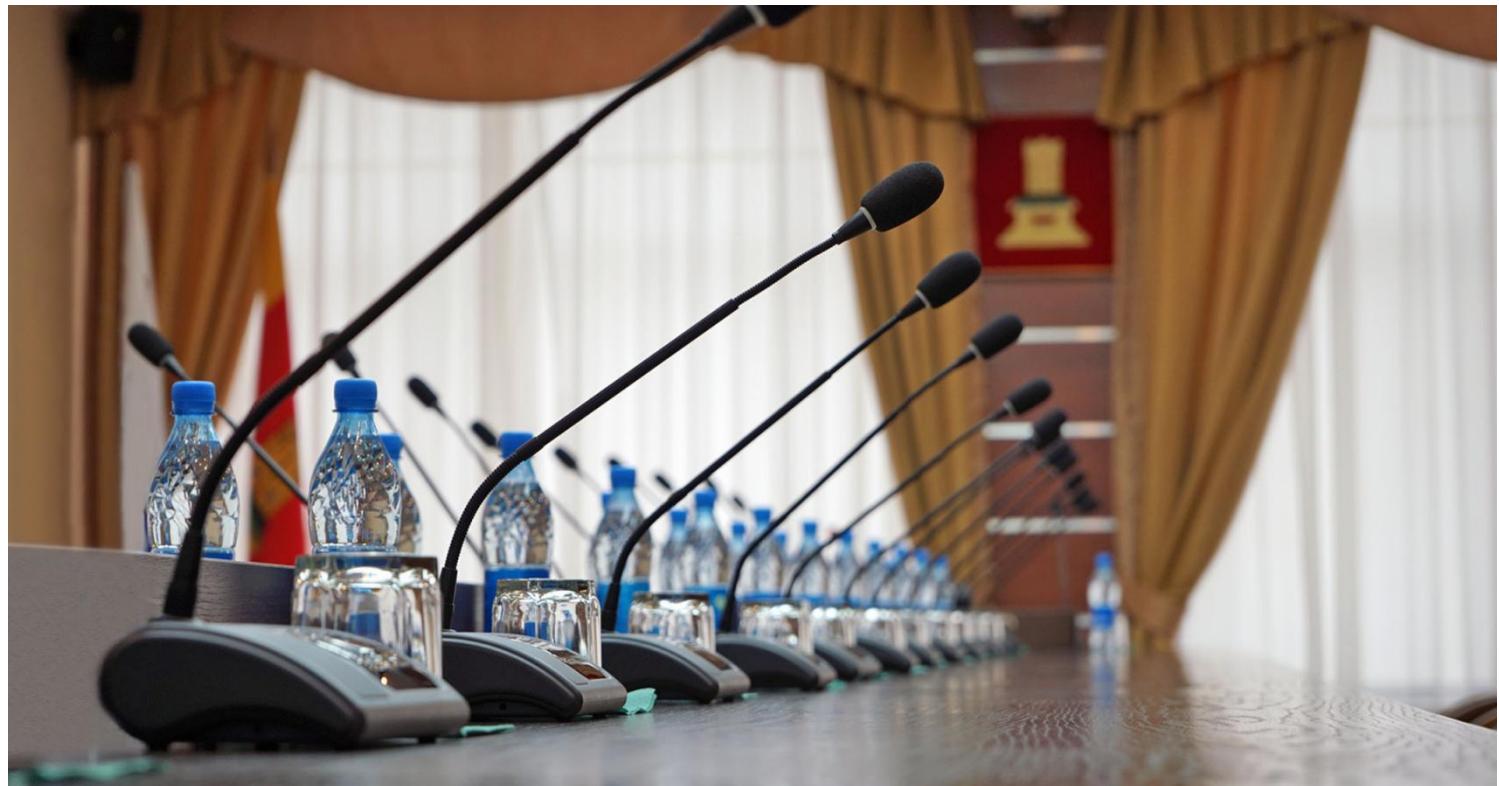


# VISSONIC

Professional Audio Video Manufacturer

## Wi-Fi Wireless Conference System

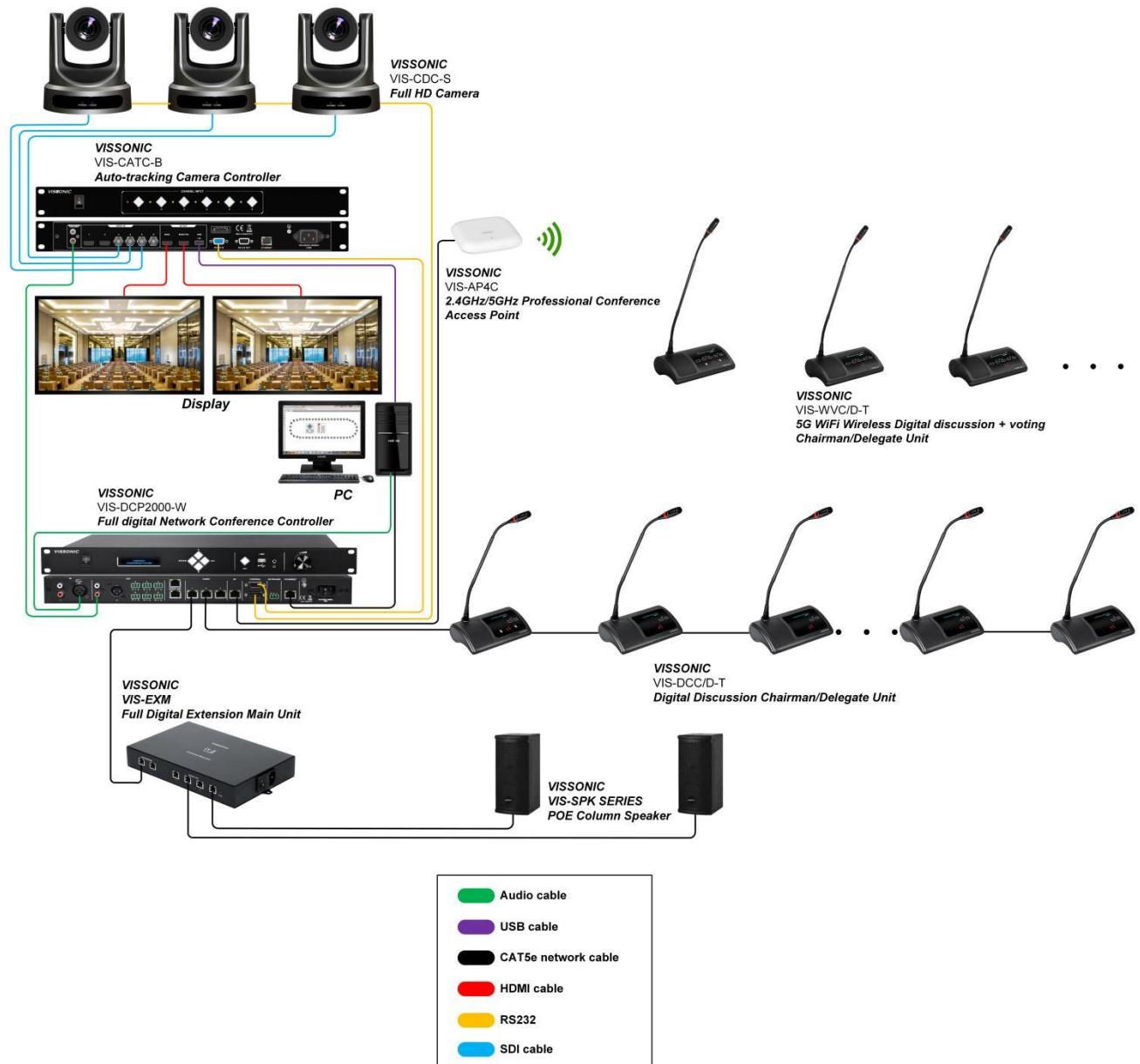
### PRODUCT DATASHEET



VISSONIC ELECTRONICS LTD.

Think Solutions

## Application diagram



**CLEACON Series VIS-WVC-T/VIS-WVD-T**Wireless Digital **Discussion+Voting** Chairman/Delegate Unit**Features**

- Stylish, low profile design with touchable interface
- Wireless communication, setting up all system in few minutes to be ready for using, and put them away in short time as well
- 5 buttons for voting and ranking.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, working time is 24 hours, 40 hours for standby
- Built-in DC connector for power supply without battery
- Internal high-fidelity loudspeaker
- built-in up 3 channels interpretation (optional on another model)
- Pluggable microphone and long-range sound pickup ability, support different length of microphone.
- 2.23-inch OLED display with backlight, with status of signal and battery indication icon
- Head-set interface in both sides with volume adjust
- Line-in interface which allows microphone or other line-in device like cell phone, laptop to pass audio through to perform teleconference
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-WVC-T.

**Functions**

- Compliance with IEC 60914, GBT 15381-94
- Standard Wi-Fi technology is compatible with other Wi-Fi networks, support 5GHz on all channels.
- Full-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KHz;
- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to

prevent wiretapping and unauthorized access from delegate unit

- One AP can work with more than 40 wireless units, and more units can be connected by extension APs
- 6 wireless units can be activated at the same time by the users
- Support more AP working together to increasing the Wi-Fi coverage range for wireless MIC units working in a large conference room or multi-rooms
- With our HD camera and video matrix switcher, using RS485 or RS232 protocol to send the PELCO/VISCA protocol to realize camera auto-tracking function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator.
- 5 voting buttons and 1 MIC ON/OFF button, Priority & Apply Answer button for chairman unit
- Built-in high-fidelity speakers, it automatically mutes to prevent howling when press MIC ON
- Head-set interface in both sides with volume adjust
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Without using PC software, our conference controller still owns following settings:
  - Limit on the number of speaking persons: By Setting the number of active units at the same time (Number is 1/2/4/6/ units)
  - Discussion modes:
    - "OPEN" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out,
    - "VOICE" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- More voting functions available by PC software
- The unit showing real time on the screen, and count-down timer for speaking person.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, power-saving technology to enable 24 hours continuous use and 48 hours for standby
- Combined with camera and camera tracking controller, it has an automatic camera tracking function.
- With 2.5mm adapter power supply interface, used for emergency power supply.
- Built-in MCU, support wireless upgrade of all units.
- With voice control function, you can adjust the sensitivity of voice control, intelligently turn on the microphone and set the off time.

## ***Control & Indicators***

**Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.**

128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.

Indicator for Volume adjustment

5 voting keys with indicators, while no launching voting, no.2 and no.3 button is also work as channel selecting buttons, no.4 and no.5 work as volume buttons.

Indicator for MIC ON/OFF

Chairman unit with priority button and consent button for the delegates

Power ON/OFF button is hiding on the left side

## ***Interfaces***

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

Contactor for battery pack

DC Connector for power adaptor

## ***Technical Parameters***

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

Sensitivity: -46 dBV / Pa

Maximum power consumption: 2.0W

Directivity: 0 ° / 180 ° > 20 dB (1 kHz)

Headphone load: 16Ω

Headphone volume: 10mW

Headphone jack: 3.5mm stereo

Input impedance: 2kΩ

SNR: 70dB

Frequency response: 20 ~ 20000Hz

Equivalent noise: 20dBA (SPL)

Main material: ABS

Operating temperature: 0 °C to + 55 °C

Color: Black

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 195L × 120W × 60Hmm (without microphone)

## ***Item Model for Order***

VIS-WVC-T.....Wireless Voting and interpretation Chairman unit, battery and microphone are not included

VIS-WVD-T.....Wireless Voting and interpretation Delegate unit, battery and microphone are not included

VIS-WBTY1.....Battery pack for each unit, 8.4VDC, 6600mA

VIS-WCH1.....Charger for battery

VIS-M220.....Pluggable Gooseneck Microphone 220mm, unique design

VIS-M330.....330mm Microphone, with anti-wind foam cover

VIS-M410.....410mm Microphone, with anti-wind foam cover

VIS-M485.....485mm Microphone, with anti-wind foam cover

VIS-M600.....600mm Microphone, with anti-wind foam cover