



Professional Audio Video Manufacturer

Wi-Fi Wireless Conference System

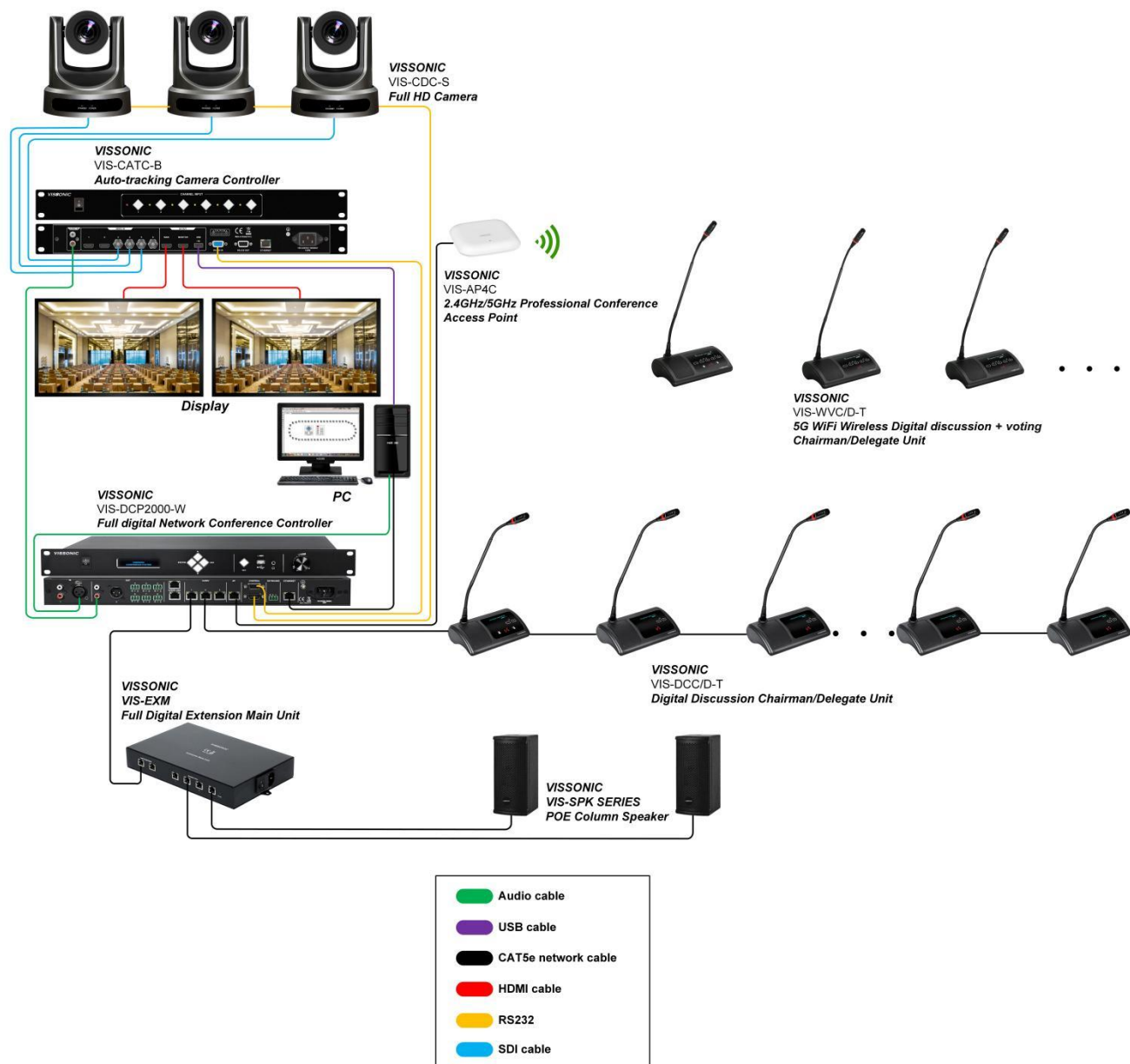
PRODUCT DATASHEET



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
 - Voting function: Approve/Abstain/Object
 - Chairman unit has priority to close all other units or mute them temporarily
 - Chairman unit can consent the request for speaking from delegate
- 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