Government、Enterprise

Wireless deployment

VISSONIC CLEACON V1 WiFi units, make wireless come true

WiFi	IC identification	Vote	Interpretation
5G WiFi	IC identification	Vote	Interpretation

Features

delegate unit

chairman unit

VIS-WDC-T/VIS-WDD-T
Wireless Digital Discussion 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.
- Built-in DC connector for power supply without battery
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 ours continuously.
- Internal high-fidelity loudspeaker.
- 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-WDC-T.

Functions

- Compliance with IEC 60914, GBT 15381-94.
- Standard Wi-Fi technology is compatible with other Wi-Fi networks, support 2.4GHz and 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 PTZ 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.
- Button for MIC ON/OFF, 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 adjustment.
- 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.

- 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.
- 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 parameter

Button	Touchable interface
Sound Pickup	heart type capacitance
Display	OLED display 128 x 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 ºC to +55 ºC
Color	Black
The maximum sound pressure	125dB (THD <3%)
Weight	1.1kg (with microphone)
Dimension(mm, without microphone)	195L x 120W x 60H

Item Modelfor Order	
VIS-WDC-T/VIS-WDD-T	Wireless Discussion Chairman/Delegate unit, battery and microphone are not included
VIS-WBTY1	Rechargeable Battery pack for wireless unit
VIS-WCH1	Charger for battery
VIS-DCP2000-W	5GHz Wireless DSP Conference Processor
VIS-MDA	Rectangular microphone, Digital + Analog output dual backup microphone
VIS-MDM	Rectangular microphone, long-distance array microphone
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

In order to fully configure, manage and use the device, CLEACON SYSTEM management software is required.
The following standard authorizations are available:

VIS-CLEACON SETUP	Conference basic setup software module
VIS-CLEACON MIC	MIC Microphone Control Software Module
VIS-CLEACON VOTE	Conference Voting Management Software Module
VIS-CLEACON INTERP	Simultaneous interpretation management software module
VIS-CLEACON IC	IC card management software module

Features

delegate unit

chairman unit

VIS-WVC-T/VIS-WVD-T
Wireless Digital Discussion+Voting 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.
- Full Digital Networked DSP Conference System.
- 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.
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  - 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

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Technical parameter

Button	Touchable interface
Sound Pickup	heart type capacitance
Display	OLED display 128 x 32
Sensitivity	-46 dBV / Pa
Maximum power consumption	2.0W
Directivity	0 ° / 180 °> 20 dB (1 kHz)
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Input impedance	2kΩ
SNR	70dB
Frequency response	20 ~ 20000Hz
Equivalent noise	20dBA (SPL)
Main material	ABS
Operating temperature	0 ºC to +55 ºC
Color	Black
The maximum sound pressure	125dB (THD <3%)
Weight	1.1kg (with microphone)
Dimension(mm, without microphone)	195L x 120W x 60H
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VIS-WVC-T/VIS-WVD-T	Wireless Voting and interpretation Chairman/Delegate unit, battery and microphone are not included
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Features

delegate unit

chairman unit

VIS-WVCIC-T/VIS-WVDIC-T
Wireless Digital Discussion+Voting+IC Card 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, IC card authentication will be required before 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.
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Features&Technical parameter

VIS-WBTY1
Rechargeable Battery pack for wireless unit

VIS-WCH1
Charger for battery

Features

● Long life and lasting stability of charging performance.
● After fully charged it can use 24 hours.
● Four hours needed to fully charge.
● Efficient lithium batteries.

Features

● 3 hours needed to fully charge.
● MAX 8 pcs battery charging at one time.
● Wide range power input: 100V~240V AC.
● Buckle housing to prevent poor contact or dropping, light in weight for easy moving.

Functions

● Contactor by pop-up pins.
● Buckle housing to prevent poor contact or dropping.

Functions

● Contactor by pop-up pins.
● Buckle housing to prevent poor contact or dropping.

Technical Parameters

Battery capacity	4900mA
Output voltage	7.2VDC
Weight	285G
Operation temperature	-20℃~60℃
Item Model for Order	
VIS-WBTY1	Rechargeable Battery pack for wireless unit
VIS-WCH1	Charger for battery, 8pcs VIS-WBTY1 at one time

Technical Parameters

Input	100 ~ 240VAC 50 ~ 60HZ
Output	7.2V/1000mA
Power consumption	20W
Size(mm)	320(L) x200(W)x50(H)
Item Model for Order	
VIS-WCH1	Charger for battery, 8pcs VIS-WBTY1 at one time
VIS-WBTY1	Rechargeable Battery pack for wireless unit

System Diagram

VIS-AP4C
5G WiFi conference access point

CAT5e

VIS-DCP2000-W
Full digital wireless DSP conference processor

5G WiFi   CAT5e

VISSONIC
Professional Audio/Visual Manufacturer