

New Generation Full Digital Wi-Fi Wireless Conference System

Instantly Setup, leave more time for inspiring minds

VISSONIC CLEACON, make wireless come true

The major pain point on traditional meeting room is to connect all devices by cable, which is complex and wasting of time. VISSONIC Wireless conference system, start the meeting in anytime, anywhere, increase the efficiency on planning.

Standard Wi-Fi technology to co-work perfectly with existing networks

CLEACON wireless unit, choose the frequency point from dozens of available ones on our access point, working in zero interference with all other networks in the area.

Amazing arc-shaped surface design

Arc-shaped glass operation area is dust/water-proof, and there is no noise/damage risk compare with common physical buttons, anti-scratch cover technology, it remains smooth glass surface even after thousands times of touch.

The system is aiming to increase productivity during the meeting course, it pass crystal clear voice to all participants any first-time users can use it without training



330mm Goose neck mic

410mm Goose neck mic

480mm Goose neck mic



WiFi AP



VIS-DCP2000-W

5G WiFi Conference Processor



VIS-DCP2000-W



Features:

- Support wired/wireless units connecting together
- Main unit can provide power to AP by POE. No need external power supply.
- In wireless system each discussion unit can be controlled by different CU in different area
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing
- High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate and 20Hz ~ 20KHz frequency response
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- Support Unit microphone sensitivity and 16-Segment Equalizer EQ
- Support AGC(Automatic Gain Control)/AFC(Adaptive Feedback Cancellation)/ANC(Acoustics Noise Cancellation) Support sound output by separated zones, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle
- Support echo cancellation, remote two-way real-time call with another conference controller or another third-party video conferencing terminal
- USB recording, advanced noise cancellation technology to realize clearer recording
- System date, time management, and support speech timing, countdown speech.
- Optional DANTE output module with other DANTE equipment.

Functions:

- With VIS-EXM digital power box, it can expand to 5200 discussion units
- Support "Hand-in-Hand-Loop-Network" connection and the system assigned to each unit independently ID to avoid duplicate ID conflict
- Both wired/wireless discussion units can connect to the controller, fast and easily to adding delegate of meetings
- Wireless unit supports up to 8 microphones active simultaneously, anti-interference ability is stronger than ever, compliance with IEEE 802.11n standard Wi-Fi both for 2.4GHz and 5GHz
- 2 channel audio input, XLR or RCA type, for local input or remote video-conferencing input
- MAX 8 channel audio output, XLR, RCA or Phoenix type, to connect language translation system or output to different zones
- Adding audio input box, the system can access other condenser microphone or moving coil microphone, to provide more choices for users
- There are multiple internal communication functions inside
- TCP/IP connection between controller and PC
- Support RS232 central control, to achieve the microphone switch, priority, volume control
- RS232 or RS485 to send the PELCO/VISCA protocol to realize camera auto-tracking function
- Hot-swap for any system unit, and the controller has auto-recovery function
- Wide range of voltage from 110V~220VAC
- 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, "FREE" Turn on the MIC freely up the max. quantity, "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 answer the application for speaking from delegate
 - Simultaneous language interpretation
- With PC software to add more ways of voting:
 - Approve/Object
 - Voting formula :Approve/Abstain/Object
 - Level:1/2/3/4/5
 - Ranking:--/0/+/++
- With RFID card authentication function, voting, can be accurate one person one vote

Technical Parameters:

Electric Spec

Power.....	110V / 220V
ACStatic power consumption	12W
Maximum power consumption	150W
Unit power supply	POE 48VDC
RS-232 control.....	1x9 needle Sub-D master block 1x9 needle Sub-D seat
Ethernet control.....	RJ45 connection computer control
Frequency response	20Hz ~ 20KHz(-3dB at nominal level)
Total harmonic distortion(THD)	<0.05%
Channel crosstalk.....	> 85dB
Noise ratio (S / N).....	> 80dB
Dynamic range	>94db
MECHANICAL	
Install.....	"19" Standard cabinet installation
Dimensions (mm).....	483L x 260W x43.6H
Color.....	Darkgray
Weight.....	3kg

VIS-WDC-T/VIS-WDD-T

Wireless Digital Discussion Chairman/Delegate Unit



VIS-WDC-T/VIS-WDD-T



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
- Detachable battery pack is easy to replace and charge
- Internal high fidelity loudspeaker
- 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
- Support AGC technology, to achieve do not face to microphone, but the volume size is constant, the scope of human activities is greater, the 16 segment balance independent adjustment, sensitivity independent regulation, noise gate control
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- Support pluggable microphone and different length of microphone with strong audio collecting ability.
- 2.23 inch OLED display screen
- Time and date display on the OLED screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically
- 4 lattice indication signal intensity, 5 lattice quantity indicator function
- Support RFID card authentication, registration, discussion
- Through the application software, the representative unit can be set as a VIP unit, and at most 32 VIP representative units can be set up. As long as the total number of microphones in the system is no more than 6, the VIP representative unit can be opened freely.

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.
- All-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KH

- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit
- 8 units of delegates can open at the same time
- 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 directional microphone head with anti-wind microphone foam cover, 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
- 2x 3.5mm stereo headphone jack
- 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, "FREE" Turn on the MIC freely up the max. quantity, "APPLY" To apply then to speak
 - Chair unit priority supports closing all and temporary mute modes
 - The chairperson unit has the approval application button
- Detachable battery pack is easy to replace and charge, power-saving technology to enable 20 hours continuous use and 48 hours for standby
- With camera and video switch, automatic tracking function
- The unit showing real time on the screen, and count-down timer for speaking person
- Display battery power with signal strength

Technical Parameters:

Electric Spec

Electric Source (battery)	7.2VDC
Maximum Power Dissipation:	2.0W
Frequency response:	20Hz ~ 20kHz
Total Harmonic Distortion(THD)	<0.1%
Dynamic Range	>94dB
Signal-to-Noise (S/N)	>96dB
Headphone load	>16Ω <1kΩ
Headphone volume	25mW
Rated microphone input	>70dB SPL
Maximum microphone input	>100dB SPL
Loudspeaker rated output	>70dB SPL at 0.5m

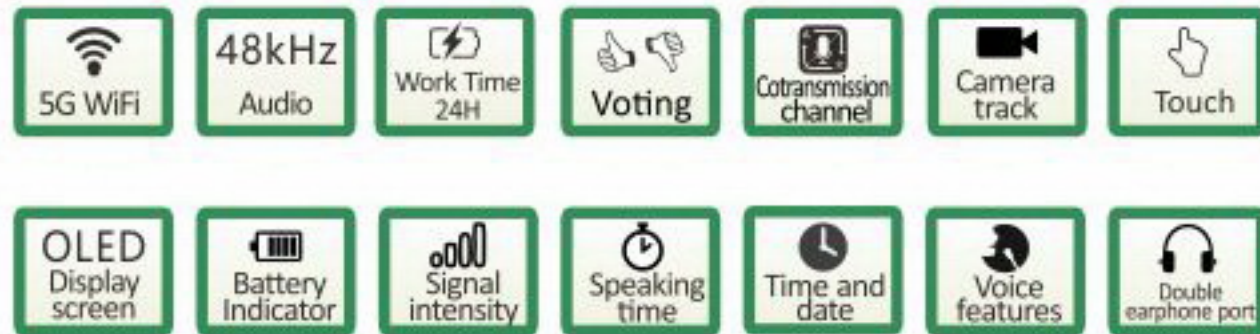
Parameter

Button	Touch button, non mechanical contact
Display	2.23 inch OLED display screen
Main material	ABS
Color	Black
Weight	0.8kg
Dimension (mm)	185 × 130 × 50mm (width × depth × height) (without microphone)

VIS-WVC-T/VIS-WVD-T

Wireless Digital Voting + Interpretation
Chairman/Delegate Unit

VIS-WVC-T/VIS-WVD-T



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
- Detachable battery pack is easy to replace and charge
- Internal high fidelity loudspeaker
- 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
- Support AGC technology, to achieve do not face to microphone, but the volume size is constant, the scope of human activities is greater, the 16 segment balance independent adjustment, sensitivity independent regulation,

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.
- All-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KH
- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit
- 8 units of delegates can open at the same time
- 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 directional microphone head with anti-wind microphone foam cover, 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
- 2x 3.5mm stereo headphone jack
- 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, "FREE" Turn on the MIC freely up the max. quantity, "APPLY" To apply then to speak
- Chair unit priority supports closing all and temporary mute modes
- The chairperson unit has the approval application button
- Detachable battery pack is easy to replace and charge, power-saving technology to enable 20 hours continuous use and 48 hours for standby
- With camera and video switch, automatic tracking function. The unit showing real time on the screen, and count-down timer for speaking person
- Display battery power with signal strength

Technical Parameters:

Electric Spec

Electric Source (battery).....	7.2VDC
Maximum Power Dissipation:	2.0W
Frequency response:	20Hz ~ 20kHz
Total Harmonic Distortion(THD)	<0.1%
Dynamic Range.....	>94dB
Signal-to-Noise (S/N).....	>96dB
Headphone load	>16Ω <1kΩ
Headphone volume	25mW Rated
microphone input.....	>70dB SPL Maximum
microphone input.....	>100dB SPL
Loudspeaker rated output	>70dB SPL at 0.5m

MECHANICAL

Button.....	Touch button, non mechanical contact
Display.....	2.23 inch OLED display screen
Main material.....	ABS
Color.....	Black
Weight	0.8kg
Dimension (mm).....	185 × 130 × 50mm
(width × depth × height) (without microphone)	

VIS-AP4C

2.4GHz/5GHz Conference Access Point



VIS-WBTY1

Features:

- Connect with the conference processor DCP2000, or with the switch to extend more conference AP in the same system.
- Typical coverage range 30m
- Install on ceiling, wall or with stand rack mount
- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit

Technical Parameters:

Electric Spec

Power Consumption Operational.....11W
Power Over Ethernet(POE)supported.....support POE
802.3af/802.3at standard

Parameter

Installation.....Ceiling, Wall or Stand Rack
Operation temperature.....-20°C~65°C
Color.....White
Weight.....370g
Size (mm).....220Lx220Wx45D

VIS-WCH1

Charger for battery



VIS-WCH1

Features:

- Three hours needed to fully charge
- MAX 8 pcs battery charging at one time
- Wide range power input:100V~240V AC
- Wide range power input: 100V~240V AC
- Wide range power input: 100V~240V AC
- Support for charging box level companies and up to 4 case level companies

Functions:

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

Technical Parameters:

Electric Spec

Static Power.....5W
Maximum Power Dissipation.....150W
Parameter

Color.....Black
Weight.....2kg
Size (mm).....190×86×127mm(LxWxH)

VIS-WBTY1

Battery pack for wireless chairman/delegate unit



VIS-WBTY1

Features:

- Long life and lasting stability of charging performance
- After fully charged it can use 20 hours
- Three hours needed to fully charge
- Efficient lithium batteries

Functions:

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

Technical Parameters:

Electric Spec

Battery capacity4900mA
Output voltage7.4VDC
Parameter

ColorBlack
Weight285g
Operation temperature-20°C~60°C

