

Government, Enterprise

Wireless deployment

brings a simple and efficient meeting experience



4.3' touch screen



5G WiFi



Wired



Vote

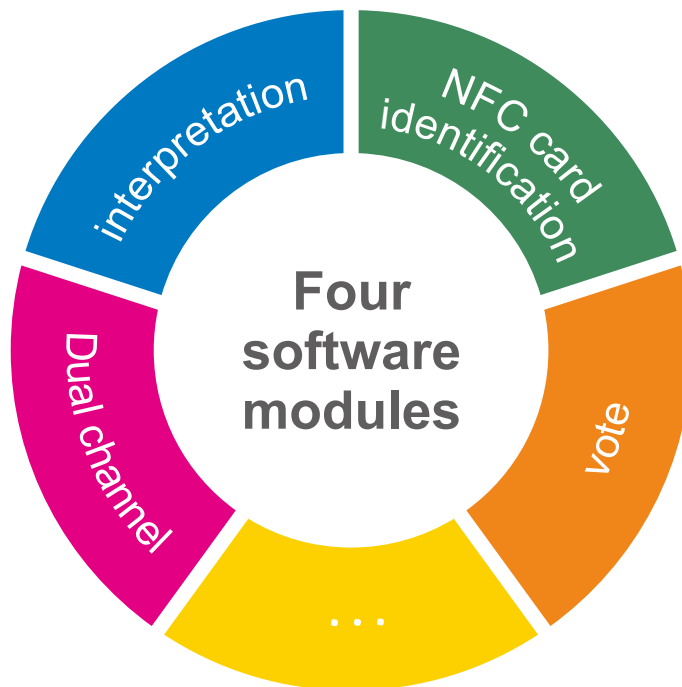


Interpretation



5G-WIFI Multimedia
Conference unit "VIS-MAW-T" is
based on AUDIOLINK IP Network
Communicational protocol by VISSONIC.
Equipped with cable network port, dual-
simulation communicational channel and 4.3"
capacitive touch screen which make conference
more efficient.

Chairman unit , Delegate unit or VIP unit can be
set and, Wired and wireless meeting mode can
be switched accordingly referring to the
requirements of conference. With various
conference needs, the "VIS-MAW-T" can
unlock different applicational units by
software upgrading.



As chairman unit, you can use the touch screen on the VIS-MAW-T unit to control different aspects of the meeting. It allows you to start, pause meetings, view request-to-speak lists, approve request, view speaker profiles and speaking times, and even record meetings, easily start and stop voting.

As delegate unit, you can view the agenda items under discussion and the remaining time to speak. You can even see who is speaking and the position you are on the speaking list.

Features



VIS-DCP2000-W
Full Digital Wireless DSP Conference Processor

Features

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing.
- One CAT5e cable to transmit up 64 channels audio and other signals.
- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role separation. High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate and 20Hz ~20KHz frequency response.
- A single conference controller can realize the independent control and merging of 4 conference rooms, can handle the cascade of multiple conference controllers to realize the merging and separation of larger conference rooms (Optional).
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units.
- The sensitivity of the unit microphone and 8 segment equalizer EQ adjusted independently.
- Conference controller can output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice. AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology.
- Sound output by separated zones function, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle.
- Echo cancellation, remote two-way real-time call with another conference controller or another third-party video conferencing terminal.
- USB recording, controller monitor, advanced noise cancellation technology to realize clearer recording.
- System date, time management, and support count-down speech.
- Optional DANTE output module with other DANTE equipment used.
- Can drive 2x120W POE speaker, through extension main unit, support up to 16 POE speakers.

Functions

- Compliance with IEC 60914, GBT 15381-94.
- Connect with VIS-EXM full-digital extension main unit, it can expand to 5200 discussion units.
- "Hand-in-Hand-Loop-Network" connection and the system assigned to each unit independently ID to avoid ID conflict.
- Both wired/wireless discussion units can connect to the controller, fast and easily to adding delegate of meetings.
- Up to 8 wireless microphones to be turned on at the same time, adaptive avoiding interference technology to achieve stronger anti-interference ability, compliance with IEEE 802.11n standard Wi-Fi both for 5GHz.
- 2 channel audio input, XLR or RCA type, for local audio input or remote video-conferencing input.
- Maximum 8-channel audio output, XLR, RCA or Phoenix type, can be connected to simultaneous interpretation output or partitioned output.
- Add the audio input box, the system can be connected to other condenser microphones or dynamic microphones, more choices for users.
- Built-in multi-way internal communication function.
- TCP/IP connection between controller and PC.
- RS232 central control, realize microphone switch, priority, volume and other controls.
- RS232 or RS485 to send the PELCO/VISCA protocol to realize camera auto-tracking function.
- Hot plug-and-play, and auto-recovery function.
- Wide range of voltage from 100V~240VAC.

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), supports up to open 32 wired microphones in full-on mode.
- Discussion modes:
 - "OPEN" Free for all, limited by the active units setting by controller,
 - "VOICE" Can activate MIC by detecting sound without press button,
 - "OVERRIDE" First in First out, "APPLY" To apply then to speak,
 - "PTT" Press to speak(Optional), "ALL" Full open mode(Optional).
- Voting function: Approve/Abstain/Object.
- Chairman unit has priority to close all other units or mute them temporarily.
- Chairman unit can consent the application for speaking from delegate.
- Simultaneous language interpretation.
- With PC software to add more ways of voting:
 - Approve/Object
 - Approve/Abstain/Object
 - Level: 1/2/3/4/5
 - Ranking: --/0/+/++
- By using RFID card to identify, can realize voting with names.

Features



VIS-MAW-T
WIFI Wireless Multimedia Conference Unit

Features

- Compliance with IEC 60914, GBT 15381-94.
- The unique AUDIO-LINKTM digital loop network technology realizes full digital signal transmission and processing.
- The wireless communication between the conference unit and the controller adopts the WIFI standard IEEE 802.11n wireless communication mode, while supporting wired communication mode: 100M wired network communication.
- High-fidelity sound quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz~20KHz response frequency.
- Conference controller can output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice; AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology.
- 4.3-inch capacitive touch screen and built-in NFC reader for quick participant identification.
- Support battery charging, microphone base charging, POE network charging three methods, support unit display, web server and PC software for battery intelligent visual management, to protect the needs of uninterrupted continuous meetings.
- Easily expand functions by using software modules.

Functions

- Adopt 128 bits AES encryption technology, support WPA/WPA2 wireless secure technology to prevent wiretapping and unauthorized access.
- Using low-latency technology, the minimum delay from the microphone to the speaker output is less than 5ms.
- 5G wireless multimedia conference unit can be configured into a chairman unit, delegate unit, VIP unit or dual delegate unit according to the different needs of each meeting, with three programmable physical buttons, the function can be automatically switched according to the type of conference unit.
- As VIP delegate unit, the system can set up to 32 VIP delegate units. As long as the total number of microphones already turned on in the system does not exceed 8, the VIP delegate unit can be turned on freely.
- Conference unit touch screen software contains five optional function modules:
Voting: two-button/three-button/five-button voting
NFC identification: Sign in through NFC card to accurately identify user information.
Dual simultaneous interpretation channel: support 2 language channel selectors, each selector supports 64 languages independent selection.
Dual users: two participants sharing one unit to achieve camera tracking at two locations; realizing dual delegates can speak, sign-in, vote on one unit.
- Conference unit through the touch screen with ordinary sign-in function, with IC card slot support through NFC card reading sign-in, support for tea application function.
- Each microphone unit can independently adjust the sensitivity through the touch screen, support -12dB to +12dB adjustment, independently adjust the 8-band EQ equalizer.
- Dual headphone interface design, the volume can be adjusted through the touch screen and knob, dual headphones support both sides of the output of different interpretation channels of voice.
- Built-in 2W@8Ω high-fidelity speaker, when speaking in the unit, it will automatically mute to prevent howling.
- Conference unit hot plug-and-play, automatic recovery.
- Support firmware upgrade via wired and wireless network, and support logo and function customization.
- The number of speech person limit function: can set the delegate speech units that are turned on at the same time.
- Has the following speaking modes:
"OPEN" open mode,
"VOICE" voice control mode,
"OVERRIDE" First in First out mode,
"APPLY" application mode,
"PTT" press and hold to speak (optional),
"ALL" full open mode (optional)
- Combined with camera and a camera tracking controller to achieve camera auto tracking function.
- Added Type-C interface and side charging contacts for mobile device charging.

Control & Indicators

- Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.
- 4.3-inch capacitive touch display.
- 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.
- 2x RJ45 connectors.
- 1x IC card slot.
- Contactor for battery pack.

Technical parameter

Screen size	109.22 mm (4.3 inches) Resolution: 800x480
Screen type	Capacitive and color multi-touch
Contactless NFC cards in following standards	ISO / IEC14443 Type A
Connection method	CAT5 / CAT6 cable + WiFi wireless + buckle
Wireless communication method	WIFI standard IEEE 802.11n, frequency range: 5GHz
Wired communication mode	100M wired network communication
Electrical parameters	
Power	48V DC
Power consumption	2.8 W (wireless connection, battery powered), 3.4 W (with line POE power supply)
Battery capacity	6500mA
Power supply voltage	DC 7.4V
Battery life in power saving mode	≥ 28 hours (the microphone continues to speak)
Performance mode battery life	≥ 14 hours (the microphone continues to speak, the screen is highlighted)
Frequency response	20~20000Hz
Dynamic range	> 90 dB
S / N ratio	≥90dB
THD	< 0.1% at rated level
Audio input	
Nominal microphone input	80 dB SPL in accordance with IEC60914
Maximum sound pressure	125dB (THD <3%), in line with IEC60914
Sensitivity	-46 dBV / Pa
Audio output	
Headphone load	16Ω, Headphone volume: 10mW
Headphone jack	3.5mm stereo Input impedance: 2kΩ
Speaker Output	2W@8Ω
Mechanical parameter	
Installation	desktop
Dimensions (mm, without microphone)	217.5L × 138.5W × 69H
Color	Black
Weight (without microphone)	1.0 KG
Environmental parameters	
Operating temperature	5 °C to +55 °C
Relative humidity	<90%

Item Model for Order

Hardware	
VIS-MAW-T	WiFi wireless touchscreen unit, battery and microphone are not included
VIS-WBTY3	Battery pack for each unit, 7.4VDC, 5000mA
VIS-WBTY3-H	Battery pack for each unit, 7.4VDC, 6500mA
VIS-WCH3	Charger for battery
VIS-DCP2000-W	Wireless DSP Conference Processor
VIS-AP4C	5GHz Conference Access Point
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
Optional function license	
VIS-ALGE	Dual 64-channel selector software module
VIS-AVOT	Vote software module
VIS-AIDE	NFC identification software module
VIS-ADUL	Dual user software module
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&Technical parameter



VIS-WBTY3 / VIS-WBTY3-H
Rechargeable Battery pack
for wireless touchscreen unit

Features

- VIS-WBTY3, 5000mAh, 7.4VDC.
- VIS-WBTY3-H Large capacity rechargeable battery, 6500mAh, 7.4VDC.
- With 6 charging contacts, can charge from charging box or unit base and support standing charging.
- Long life and lasting stability of charging performance.
- After fully charged it can use 20 hours (with power save mode).

Functions

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

Technical Parameters

Model	VIS-WBTY3 / VIS-WBTY3-H
Battery capacity	5000mA / 6500mA
Output voltage	7.4VDC
Weight	285G
Operation temperature	-20°C~60°C
Item Model for Order	
VIS-WBTY3	Battery pack for wireless units, 5000mA 7.4V DC
VIS-WBTY3-H	Battery pack for wireless units, 6500mA 7.4V DC
VIS-WCH3	Charger for battery, 10pcs VIS-WBTY3-H at one time



VIS-WCH3
Charger for battery

Features

- 3 hours needed to fully charge.
- MAX 10 pcs battery charging at one time.
- 1U rack-mounted chassis,supports cabinet installation
- Five-level, two-color status indicator shows charging status.
- Contactor by pop-up pins.
- Wide range power input: 110V~240V AC.
- Static power consumption 5W, maximum power consumption 150W.

Functions

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

Technical Parameters

Model	VIS-WCH3
Input	100 ~ 240VAC 47 ~ 63HZ
Output	8.4V/750mA
Power consumption	20W
Size(mm)	530(L) x200(W)x65(H)
Item Model for Order	
VIS-WCH3	Charger for battery, 10pcs VIS-WBTY3-H at one time
VIS-WBTY3	Battery pack for wireless units, 5000mA 7.4V DC
VIS-WBTY3-H	Battery pack for wireless units, 6500mA 7.4V DC

Functions&Technical parameter



VIS-WCH2-F Trolley Case

Functions

- For: 10 pcs conference units + 10 pcs gooseneck mics
Conference units:
- VIS-MAW-T
Gooseneck mic:
- VIS-M410
- VIS-M485

Technical Parameters

MECHANICAL	
Dimensions	400L×350W×620H(mm)
Color	Black
Net weight	17KG
Power consumption	80~96W
Material	Aluminum alloy frame

Features&Technical parameter



VIS-AP4C
5GHz Conference Access Point

Features

- Connect with the Wi-fi conference processor VIS-DCP2000-W, or with the switch to extend more conference AP in the same system.
- Typical coverage range 30m.
- Each AP can connect up to 50 conference units.
- Install on ceiling, wall or with stand rack mount.
- 128 bits AES digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from legat unit.

Functions

- LED indicator for signal/power.
- 5GHz dual band communication.
- LAN support POE power supply.
- RJ45 for LAN connection.

Technical Parameters

Model	VIS-AP4C
RF	
WLAN Standard	IEEE802.11ac, IEEE802.11a, IEEE802.11g, IEEE802.11b
RF Frequency Bands	5GHz UNII
Max Transmission Power	27dBm
Antenna Type	Four built-in 5dBi antennas
POWER	
Supply Type	Power Over Ethernet, 802.3at, DC 12V 1.5A
Supply Voltage(at Power Consumption)	≤13W
NETWORK	
Interface	1×Gigabit WAN/POE Port, 1×Gigabit LAN Port
Link Speed	1200Mbps
Networking Addressing Capability	DHCP or Manual IP address
Cable Length	100m (max)
Cable Type	≥ Cat5e (shielded / unshielded)
Connector Type	1× RJ45
Connector LED	WAN/POE Port (UP LED), LAN Port (Down LED)
USER INTERFACE	
LED Status Indication	Power, Network Audio, Wireless (Yellow / Blue)
Reset	Push button for Factory Reset
MECHANICAL	
Dimensions	220L×220W×45H(mm)
Color	White
Weight	0.3KG
Mounting Type	Ceiling, Wall or Stand Rack

System Diagram



5G WiFi CAT5e



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VISSONIC
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