

conference rooms, auditoriums, command centers, courtrooms, military operations

Multi-media Digital Conference Unit with Touch Screen

The ring hand-in-hand connection makes the meeting more reliable



5" touch screen



Wired



Vote



Interpretation



Speaker

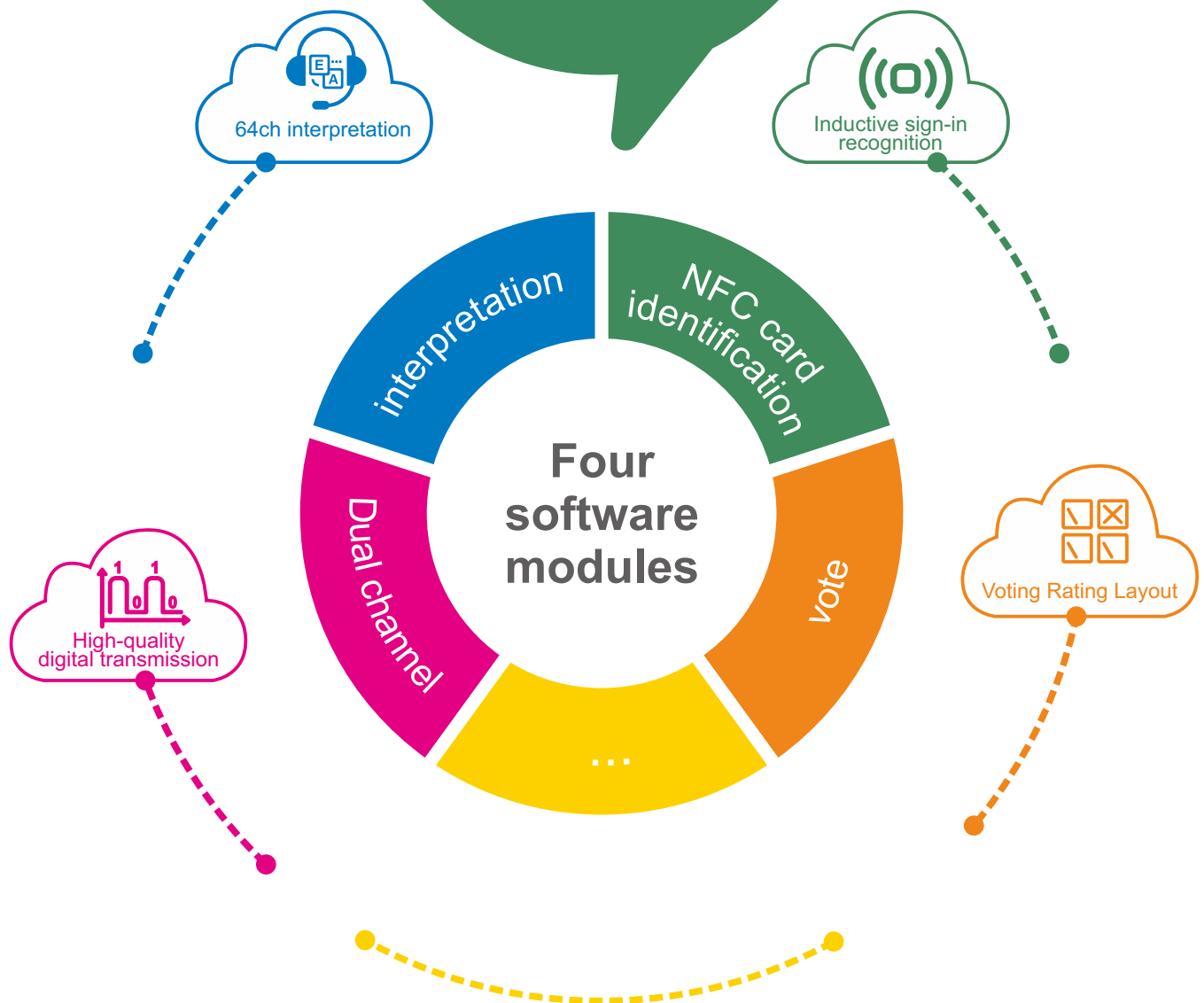


Metal Enclosure



Conference Unit with Touch Screen is based on the VISSONIC AUDIOLINK multimedia IP network communication protocol. The unit is equipped with a 5-inch touch screen, which improves the flexibility of conference functions and the content interactivity.

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



As chairman unit, you can use the touch screen on the Conference Unit with Touch Screen unit to control different aspects of the meeting. It allows you to view request-to-speak lists, approve request, view speaker profiles and speaking times, easily start and stop voting.

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

Features



VIS-DCP2000-D
Full Digital Networked DSP Conference Processor

Features

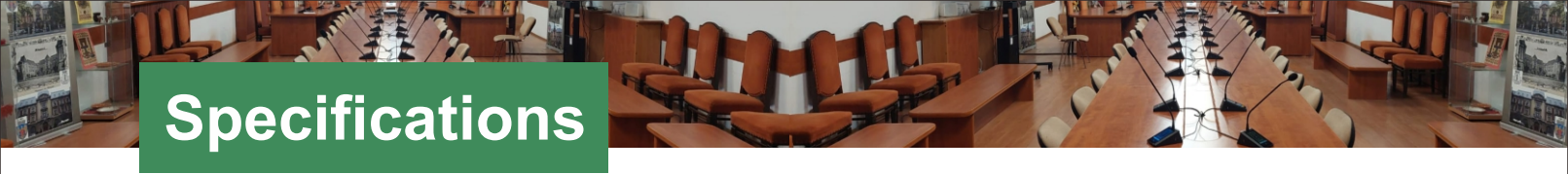
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing.
- One CAT5e cable to transmit up 64 channels audio and other signals.
- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role 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 1x120W 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.
- Only wired discussion units can connect to the controller, fast and easily to adding delegate of meetings.
- 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:

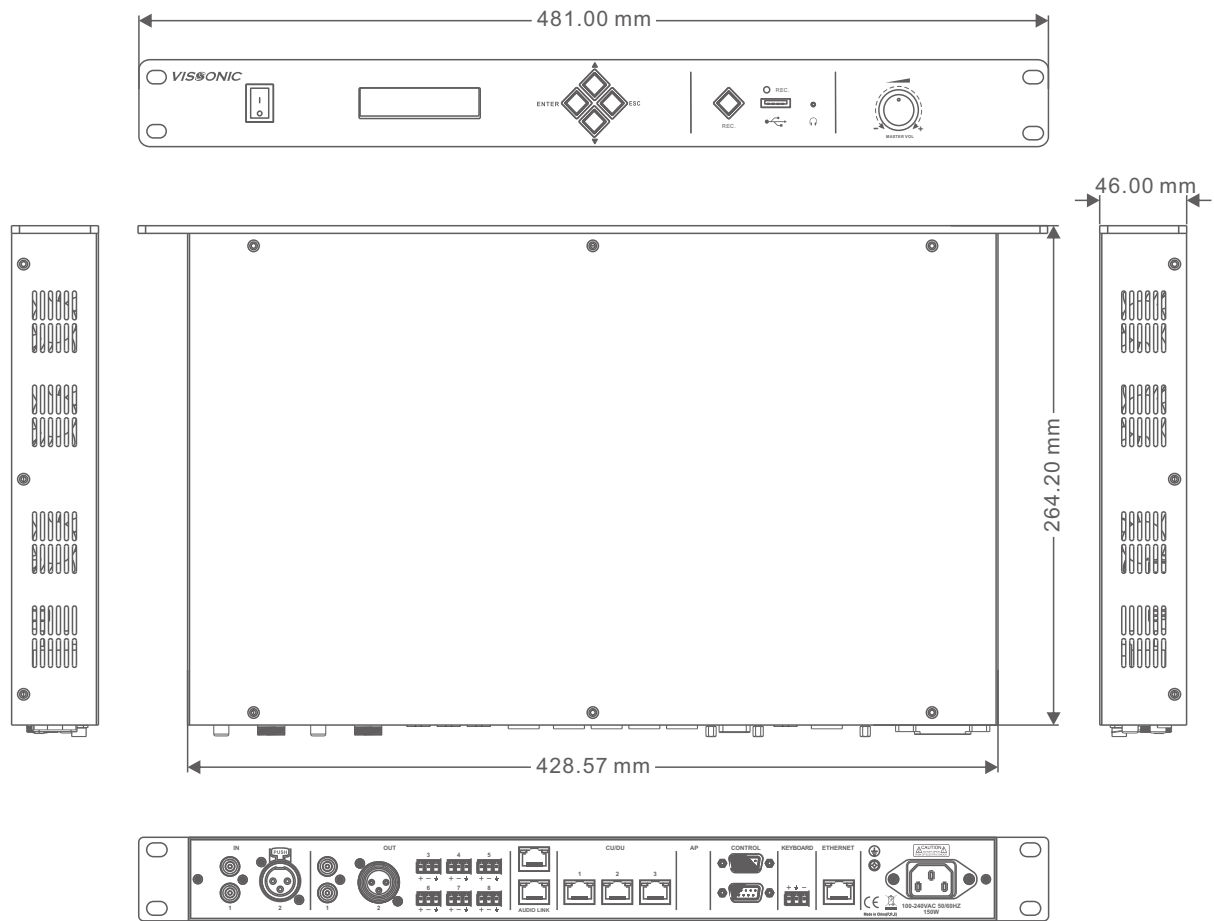
- Limit on the number of speaking persons: By Setting the number of active units at the same time (Number is 1/2/4/6/ units), supports up to open 32 wired microphones in full-on mode.
- Discussion modes:
"OPEN" Free for all, limited by the active units setting by controller,
"VOICE" Can activate MIC 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.



Specifications

Model	VIS-DCP2000-D
Mic Capacity	≤5200 units
Channels	16 / 32 (default) / 64 CH
Frequency Response	20Hz~20kHz
Signal-to-Noise Ratio	>97dB (A)
Dynamic Range	>80dB
Total Harmonic Distortion	<0.05%
Main Power	100~240VAC, 50/60Hz, 150W
Audio Input	LINE IN1: 350mV, unbalanced; LINE IN2: 350mV, balanced
Audio Output	1V, unbalanced; 1V, balanced
Output Load	>1kΩ
Ethernet Port	Connects to computer
Front USB Port	Recording
Amplifier Output	1×120W (PoE speakers)
Static Power Consumption	12W
Maximum Power	150W
Connection Method	Dedicated CAT5e or above network cable
Connector Reliability	Reliable
Compliant Standards	IEC 60914, compatible with GB/T 15381-94
Operating Temperature	-10 °C to +50 °C
Operating Humidity	5%~85% RH (non-condensing)
Control Method	2.3-inch touchscreen, 1 navigation button
Color	Black
Weight	3.5Kg
Dimensions (mm)	481Wx264.2Dx46H
Mounting	1U standard rack

Mechanical Drawing



VIS-DCP2000-D

Dimensions(mm): 481(W)x264.2(D)x46(H)

Features



VIS-DMD-T
Multi-Media Digital Conference Unit with Touch Screen

Features

- Compliance with IEC 60914, GBT 15381-94.
- The unique AUDIO-LINK™ digital loop network technology realizes full digital signal transmission and processing.
- 64 channels of audio and various information are transmitted through a CAT5e network cable.
- 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.
- 5-inch capacitive touch screen.
- Easily expand functions by using software modules.

Functions

- The connecting cable can choose to hide it at the bottom, or the cable can be outlet at the rear to meet various needs.
- Adopt standard CAT5e with RJ45 connector as the connection cable, which is convenient for standardized wiring installation and maintenance.
- It can be configured into a chairman unit, delegate unit, VIP 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.
- Optional dual delegate unit enables two attendees to share a single microphone.
- 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 three optional function modules:**
 - Voting:** two-button/three-button/five-button voting
 - 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.
- With ordinary sign-in function, support for tea application function.
- Each microphone unit can independently adjust the sensitivity through the touch screen, support 0dB to +24dB adjustment, independently adjust the 8-band EQ equalizer.
- Dual headphone interface design, the volume can be adjusted through the touch screen and knob.
- Built-in 2W@8Ω high-fidelity speaker, when speaking in the unit, it will automatically mute to prevent howling.
- Hand-in-hand-loop-network connection and star connection, the system is more reliable. Replacement one unit and failure of cable will not affect the normal operation of other units in the system.
- Conference unit hot plug-and-play, automatic recovery.
- 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.

Control & Indicators

- Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.
- 5-inch capacitive touch display.
- Indicator for MIC ON/OFF.
- Chairman unit with priority button and consent button for the delegates.

Interfaces

- Pluggable gooseneck microphone base.
- 2x 3.5mm stereo headphone jack.
- 2x RJ45 connectors.

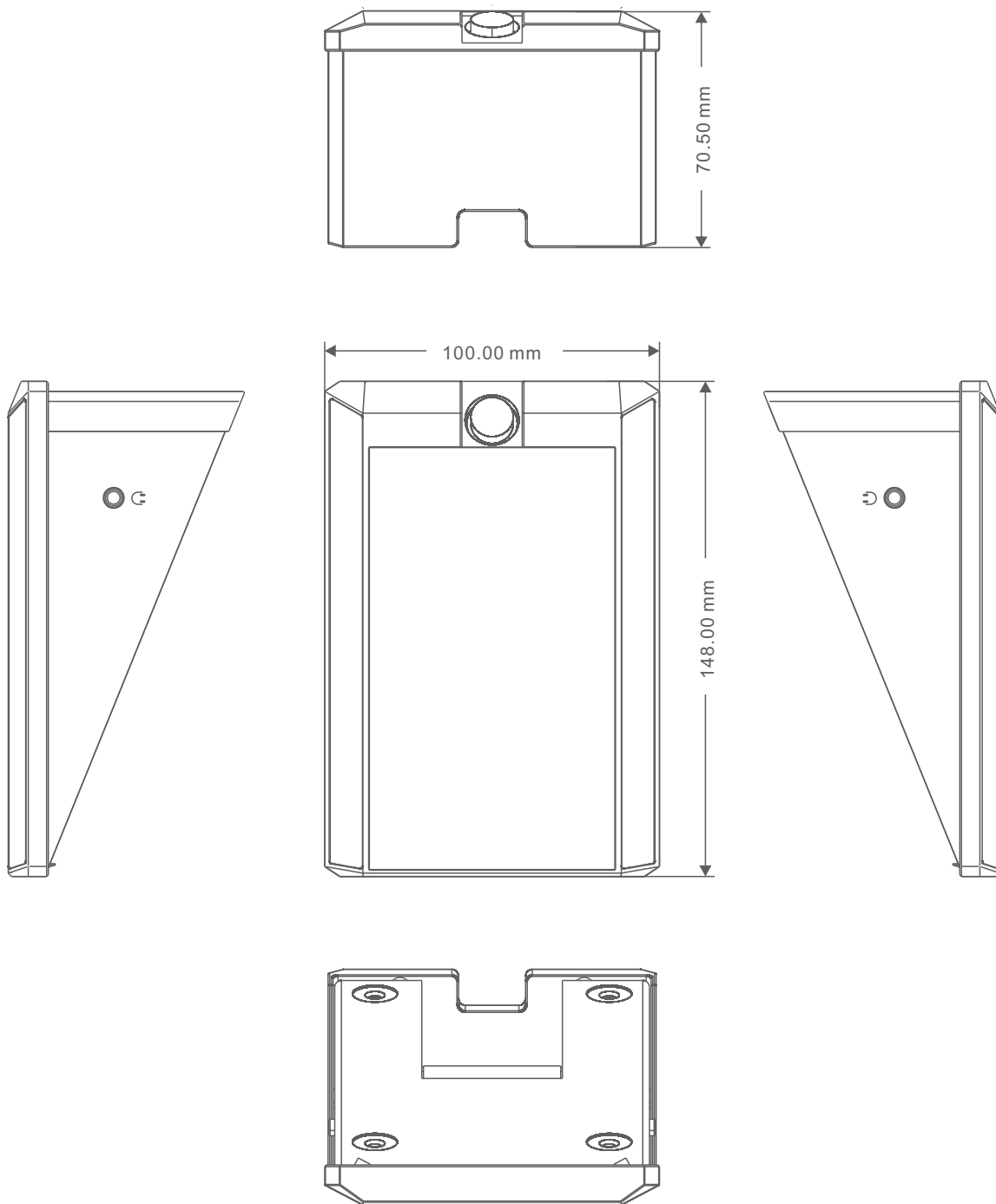
Technical parameter

Model	VIS-DMD-T
Screen size	5 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 + buckle
Wired communication mode	100M wired network communication
Electrical parameters	
Power	48V DC
Power consumption	5 W
Frequency response	20~20000Hz
Dynamic range	> 90 dB
S / N ratio	> 90 dB
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)	100Wx150.5Dx 70.5H
Color	Black
Weight (without microphone)	0.7 KG
Environmental parameters	
Operating temperature	5 °C to +55 °C
Relative humidity	< 90%

Item Model for Order

Hardware	
VIS-DMD-T	Multi-media Digital Conference Unit with Touch Screen
VIS-DCP2000-D	Full digital networked DSP conference processor
VIS-MDA-F	Fixed digital and analog output square dual backup microphone
VIS-MDM-F	Fixed long pickup distance square analog array microphone
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-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

Mechanical Drawing



VIS-DMD-T

Dimensions(mm): 100(W)x148(D)x70.5(H)

Features



VIS-DMDIC-T
Multi-Media Digital Conference Unit
with Touch Screen & IC Card

Features

- Compliance with IEC 60914, GBT 15381-94.
- The unique AUDIO-LINK™ digital loop network technology realizes full digital signal transmission and processing.
- 64 channels of audio and various information are transmitted through a CAT5e network cable.
- 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.
- 5-inch capacitive touch screen and built-in NFC reader for quick participant identification.
- Easily expand functions by using software modules.

Functions

- The connecting cable can choose to hide it at the bottom, or the cable can be outlet at the rear to meet various needs.
- Adopt standard CAT5e with RJ45 connector as the connection cable, which is convenient for standardized wiring installation and maintenance.
- It can be configured into a chairman unit, delegate unit, VIP 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.
- Optional dual delegate unit enables two attendees to share a single microphone.
- 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 four 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.
- 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 0dB to +24dB adjustment, independently adjust the 8-band EQ equalizer.
- Dual headphone interface design, the volume can be adjusted through the touch screen and knob.
- Built-in 2W@8Ω high-fidelity speaker, when speaking in the unit, it will automatically mute to prevent howling.
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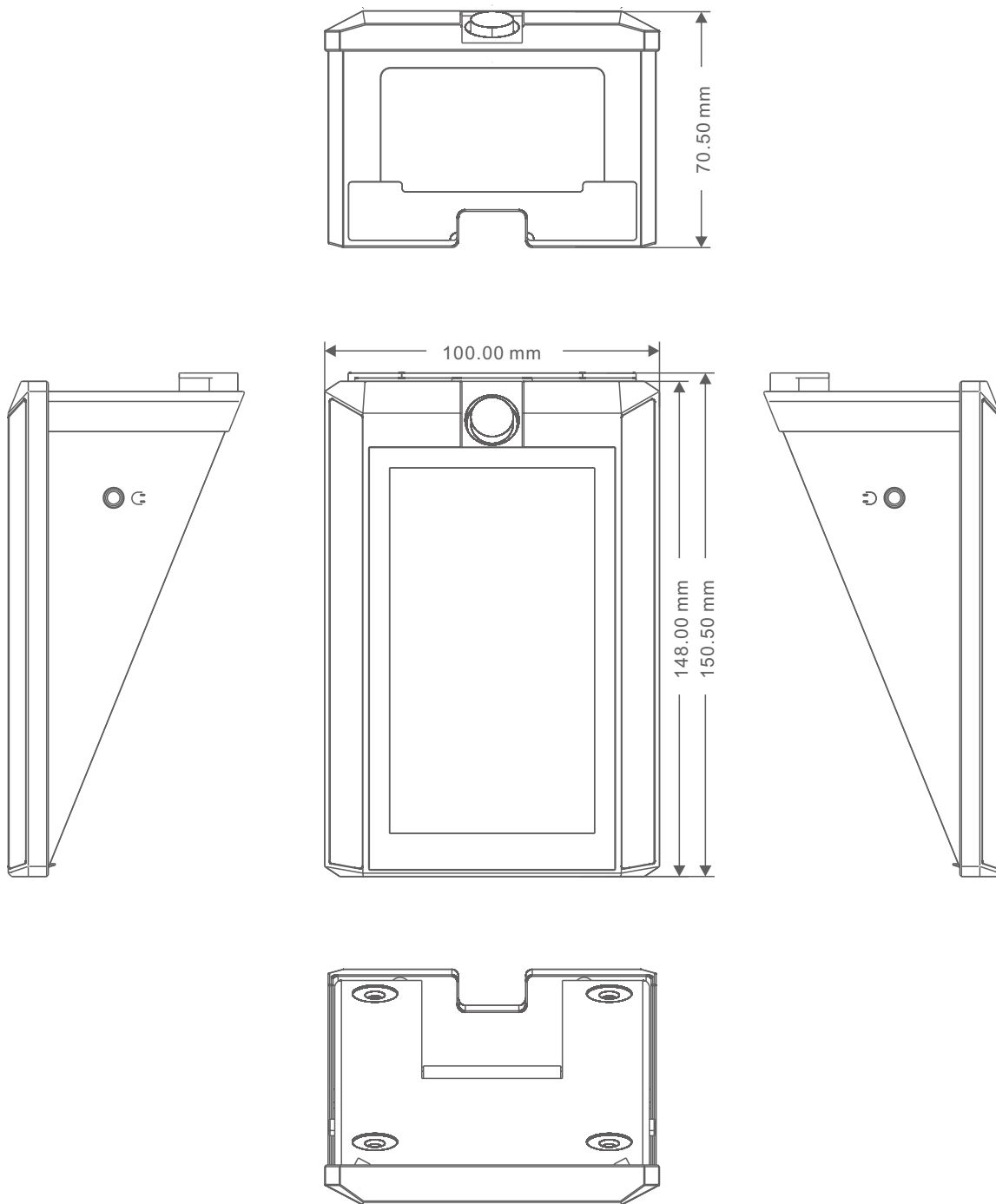
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VIS-CLEACON IC	IC card management software module

Mechanical Drawing



VIS-DMDIC-T

Dimensions(mm): 100(W)x150.5(D)x70.5(H)

System Diagram



— CAT5e



VISSONIC ELECTRONICS LTD

Guangzhou • China
www.vissonic.com

VISSONIC®
Professional Audio/Visual Manufacturer