

# **VISSONIC**

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Professional Audio Video Manufacturer

## **Full Digital Wired Conference Units**

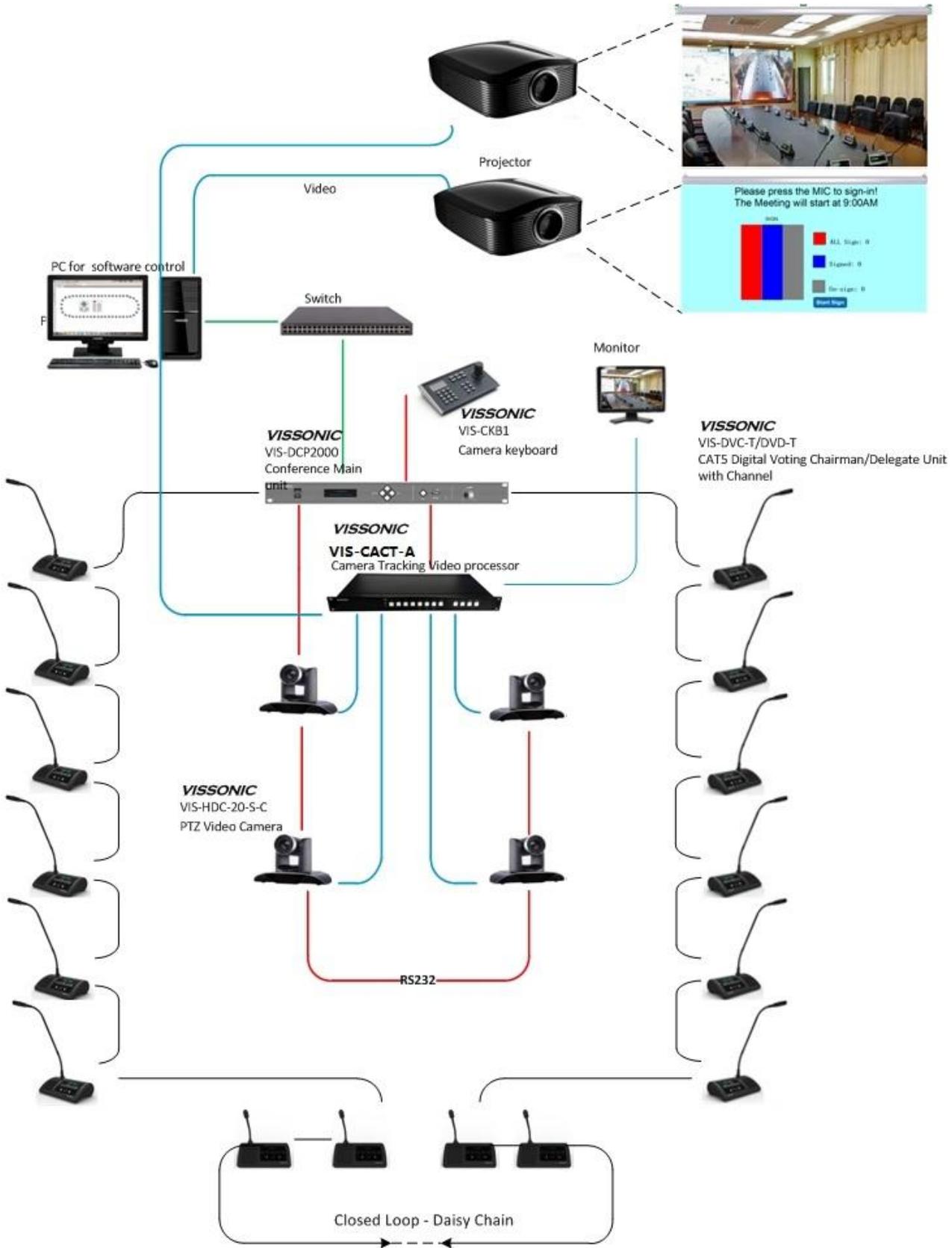
**Product Datasheet**



**VISSONIC ELECTRONICS LTD.**

**Think Solution**

# Application diagram



# New Generation Full Digital Network Conference System, with High Tech in DSP unique Sound Processing

## **CLEACON Full Digital Networked DSP Conference System**

### **Compact yet versatile design**

We are well aware that the main body of the meeting is the participants, so the product design reflects the elegant, yet compact and easy to use features. Common CAT5e connection ensures fast and easy to build any sized meeting occasions, conference unit features a graphical interface operating area, including lighting reminder, anyone can get started quickly. Easy to install, user-friendly to use, and is designed to ensure higher productive meetings.

### **Excellent sound performance**

Advanced voice processing technology, with the unique design of the microphone, this unit can be accurate pickup and restore the human voice through a high-quality built-in speakers or an external PA system, original AUDIO-LINK digital ring network technology, Automatic Gain Control Volume(AGC) / automatic frequency control(AFC) technology help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

### **High tech intelligence platform**

Timing function, overtime reminder, voting results multi-platform synchronization, network control and meeting management, conference Smart reservation, worldwide firmware real-time updates, the integration of IT technologies ensures smart conferencing platform, the CLEACON series is one of them.

### **Complete easy-handling management**

The Central Unit is the center of the system –Provide power to the whole discussion units, control the cameras and link to other third-party devices. The 1U compact design is easily to put anywhere while keep a low profile in meeting room.

### **Simple control with convenient recording**

We try to use less buttons to simplify the operation, and a LCD screen helps you monitor real-time action obviously. The USB slot enable it record every important meeting discussion, to file up every contents simply

## VIS-DCP2000-D

Full Digital Networked DSP Conference Processor for wired units



### 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.
- 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.

## *Control & Indicators*

LCD display to show all the operations and results

4-Way button for menu operate

One-button press to start recording

light indicator

Master volume control knob

## *Interfaces*

Front panel USB recording interface

3.5mm headphone for monitoring

1x RCA audio input

1x XLR audio input

1x RCA audio output

1x XLR audio output

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6x Phoenix audio output connector  
2x RJ45 digital audio connection  
2x RJ45 for chairman unit, delegate unit, unit translators and other connection  
1x RJ45 for wireless AP or router  
1x DP9 male interface for external control  
1x DP9 female interface for camera  
1x three-pin phoenix interface for camera control keyboard  
1x RJ45 for computer connection or network switcher  
1x grounding screw  
1x 100 ~ 240V AC Power Interface

## *Technical Parameters*

Power 100V / 240V AC  
Static power consumption 12W  
Maximum power consumption 150W  
Frequency Response 20Hz ~ 20KHz  
Noise ratio (S / N) >96dBA  
Total harmonic distortion <0.05%  
Channel Crosstalk > 85dB  
Dynamic range >94dB  
RS-232 control: 1×9-pole Sub-D female socket 1×9-pole Sub-D male socket  
Ethernet control: RJ45 connected to PC  
Mounting: 19" standard rack  
Dimensions (mm) 483L x 260W x43.6H  
Weight: 3kg  
Black color

Max. audio inputs  
LINE IN 1: +10dBu  
LINE IN 2: +10dBu  
Max. audio outputs  
LINE OUT 1: +12dBu BAL.  
LINE OUT 2: +12dBu BAL.  
LINE OUT 3: +12dBu BAL.  
LINE OUT 4: +12dBu BAL.

Output impedance: >1kΩ  
PC communication method: TCP/IP  
Camera control method: RS-232/UDP  
Network Interface: RJ45  
Display: LCD1602  
Recording file size: 0.8M/min  
Limit on the number of speakers: 1/2/4/6, max in 8 persons  
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Camera Tracking Protocol: PELCO-P/PELCO-D/VISCA

Operating temperature: 0 ~ 45°C

Storage temperature: 20 ~ 50°C

***Item Model for Order***

VIS-DCP2000-D..... Full digital network DSP conference processor

## CLEACON Series VIS-DCC-T/ VIS-DCD-T

CAT5 Wired Digital Discussion Chairman/Delegate Unit



### Features

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- 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
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- 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-DCC-T.

### Functions

- Compliance with IEC 60914, GBT 15381-94
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz response frequency
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- This system assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery 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 adjust
- 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
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

## *Control & Indicators*

Each unit with two-color LED indicator, red for speaking on microphone, green means need acceptance from chairman 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

## *Interfaces*

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors

## *Technical Parameters*

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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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  
Connection: CAT5 / CAT6 cable + snap  
Equivalent noise: 20dBA (SPL)  
Main material: ABS  
The maximum sound pressure: 125dB (THD <3%)  
Weight: 1.1kg (with microphone)  
Dimension: 195L × 120W × 60H mm (without microphone)  
Operating temperature: 0 °C to + 55 °C  
Color: Black

### *Item Model for Order*

VIS-DCC-T.....Digital Discussion Chairman Unit, microphone and cable not include  
VIS-DCD-T.....Digital Discussion Delegate Unit, microphone and cable not included  
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 cove

## CLEACON Series VIS-DIC-T/ VIS-DID-T

CAT5 Wired Digital Interpretation Chairman/Delegate Unit



### Features

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Internal high-fidelity loudspeaker
- Built-in interpretation channel selector
- The chairman VIS-DIC-T can set as interpreter or delegate unit.
- 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
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- “Hand-in-Hand-Loop-Network” connection makes the system always working perfectly and more reliable.
- 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-DIC-T.

### Functions

- Compliance with IEC 60914, GBT 15381-94
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz

response frequency

- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- This system assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery 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 adjust
- 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
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

## *Control & Indicators*

Each unit with two-color LED indicator, red for speaking on microphone, green means need acceptance from chairman 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

## *Interfaces*

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors

## *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  
Connection: CAT5 / CAT6 cable + snap  
Equivalent noise: 20dBA (SPL)  
Main material: ABS  
The maximum sound pressure: 125dB (THD <3%)  
Weight: 1.1kg (with microphone)  
Dimension: 195L × 120W × 60H mm (without microphone)  
Operating temperature: 0 °C to + 55 °C  
Color: Black

### *Item Model for Order*

VIS-DIC-T.....Digital Discussion Interpretation Chairman Unit, microphone and cable not include  
VIS-DID-T.....Digital Discussion Interpretation Delegate Unit, microphone and cable not included  
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

## CLEACON Series VIS-DVC-T/VIS-DVD-T

CAT5 Wired Digital Voting Chairman/Delegate Unit with Channel Selector



### Features

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- Five keys voting function
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- 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
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- “Hand-in-Hand-Loop-Network” connection makes the system always working perfectly and more reliable.
- 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-DVC-T.

### Functions

- Compliance with IEC 60914, GBT 15381-94
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz

response frequency

- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- This system assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Five keys voting function
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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 adjust
- 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
  - Support simultaneous language interpretation
- More voting functions available by PC software
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

## 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, interpretation channels and language, MIC ON/OFF and other information.

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.

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

## Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack  
1x 3.5mm stereo input jack  
2x RJ45 connectors

## *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  
Connection: CAT5 / CAT6 cable + snap  
Equivalent noise: 20dBA (SPL)  
Main material: ABS  
The maximum sound pressure: 125dB (THD <3%)  
Weight: 1.1kg (with microphone)  
Dimension: 195L × 120W × 60H mm (without microphone)  
Operating temperature: 0 °C to + 55 °C  
Color: Black

## *Item Model for Order*

VIS-DVC-T.....Digital Discussion Chairman Voting Unit, microphone and cable not include  
VIS-DVD-T.....Digital Discussion Delegate Voting Unit, microphone and cable not included  
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

## CLEACON Series VIS-DSC-T/ VIS-DSD-T

CAT5 Wired Dual Channels Chairman/Delegate Unit



### Features

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on projects and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- Dual channels selectors work with two earphone jackets design
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Internal high-fidelity loudspeaker
- Line-in interface which allows microphone or other line-in device like cell phone, laptop to pass audio through to perform teleconference
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- 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-DSC-T.

### Functions

- Compliance with IEC 60914, GBT 15381-94
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz response frequency
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing

discussion unit or having any malfunctioned units

- This system assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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 adjust
- 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
    - Chairman unit has priority to close all other units or mute them temporarily
    - Chairman unit can consent the request for speaking from delegate
    - Support simultaneous language interpretation
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

## *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, interpretation channels and language, MIC ON/OFF and other information.

2 groups of channels selecting buttons

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

## *Interfaces*

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors for daisy chain

## *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  
Connection: CAT5 / CAT6 cable + snap  
Equivalent noise: 20dBA (SPL)  
Main material: ABS  
The maximum sound pressure: 125dB (THD <3%)  
Weight: 1.1kg (with microphone)  
Dimension: 195L × 120W × 60H mm (without microphone)  
Operating temperature: 0 °C to + 55 °C  
Color: Black

***Item Model for Order***

VIS-DSC-T.....Dual channels Chairman Unit, microphone and cable not include  
VIS-DSD-T.....Dual channels Delegate Unit, microphone and cable not include  
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

## VIS-EXM

Extension Main Unit



### Features

- Expense four chains
- No fan and noiseless design
- Compact profile

### Functions

- To achieve loop wired architecture with star wired benefits.
- Get 4 CU/DU channels.
- Work with no noise power supply to achieve "No fan, Noiseless" power enhancing.
- The distance between VIS-EXM extension main unit up to 100m

### Control & Indicators

Power indicator

Loop through chains indicators

Repeated chains indicators

Grounded or Floating switch

### Interfaces

Self-locking DC connector

4 x RJ45 loop ports or Microphone ports

2x RJ45 Loop through chains

### Technical Parameters

Power: 3A 48VDC

Dimension:223x37x92mm (W x H x D)

Weighth:0.5KG

### Item Model for Order

VIS-EXM.....Extension main unit

## VIS-M600/VIS-M485/VIS-M410/VIS-M330

Pluggable Gooseneck Microphone



### *Features*

- Precise directional microphone head with Mini design
- Two color LED ring indicator
- anti-wind microphone foam cover
- Strong audio collection ability to work with different length of microphone

### *Functions*

- Two-color LED indicator on microphone, red for speaking, green means need acceptance from chairman to speak
- Screw lock socket to connect removable microphone

### *Technical Parameters*

Length:

VIS-M600 600mm

VIS-M485 485mm

VIS-M410 410mm

Weight:

VIS-M600 130g

VIS-M485 120g

VIS-M410 100g

Color: Black

### *Item Model for Order*

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

## VIS-HL002/ HL005/ HL010/ HL020/ HL050/HL100

Professional CAT5E conference extension cables



### *Features*

- TIA/EIA 568B CAT5E
- ISO/IEC 11801 ClassD
- CELENEC EN50173, EN50167, EN50169
- UL C(UL)&ETL Verified
- Pre-test by VISSONIC

### *Functions*

- Extension cable for main unit to CU/DU unit
- Carry 48DC power and signals
- Male to Male cable
- Size from 2m to 100m

### *Interfaces*

2x male RJ45

### *Technical Parameters*

Standard: TIA/EIA 568B CAT5E

Connector: Shielded RJ45

Shielding: F/UTP

Resistance: 100ohm±15%, 1MHz to 100MHz

Delay skew: 25ns/100m max

Gauge: 24AWG solid bare copper

Flame retardant rating: CM, IEC332/1

Storage Temperature: -20°C~80°C

Operation temperature: -20°C~60°C

*Item Model for Order*

- VIS-HL002..... 1.5m black shielded Cat5e U/FTP cable (shielded RJ45)
- VIS-HL005..... 5m black shielded Cat5e U/FTP cable (shielded RJ45)
- VIS-HL010..... 10m black shielded Cat5e U/FTP cable (shielded RJ45)
- VIS-HL020..... 20m black shielded Cat5e U/FTP cable (shielded RJ45)
- VIS-HL050..... 50m black shielded Cat5e U/FTP cable (shielded RJ45)
- VIS-HL100..... 100m black shielded Cat5e U/FTP cable (shielded RJ45)

**About VISSONIC Electronics Limited**

Our mission is to develop and manufacture the most comprehensive and innovative audio visual products for our clients. We provide the best performance/price ratio products because it could give you satisfaction just from the time you use them, we believe the good design with cutting edge technology on products will provide value to all our partners and end users. Listen to your demands, we fulfill it.



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