VISSONIC

Professional Audio Video Manufacturer

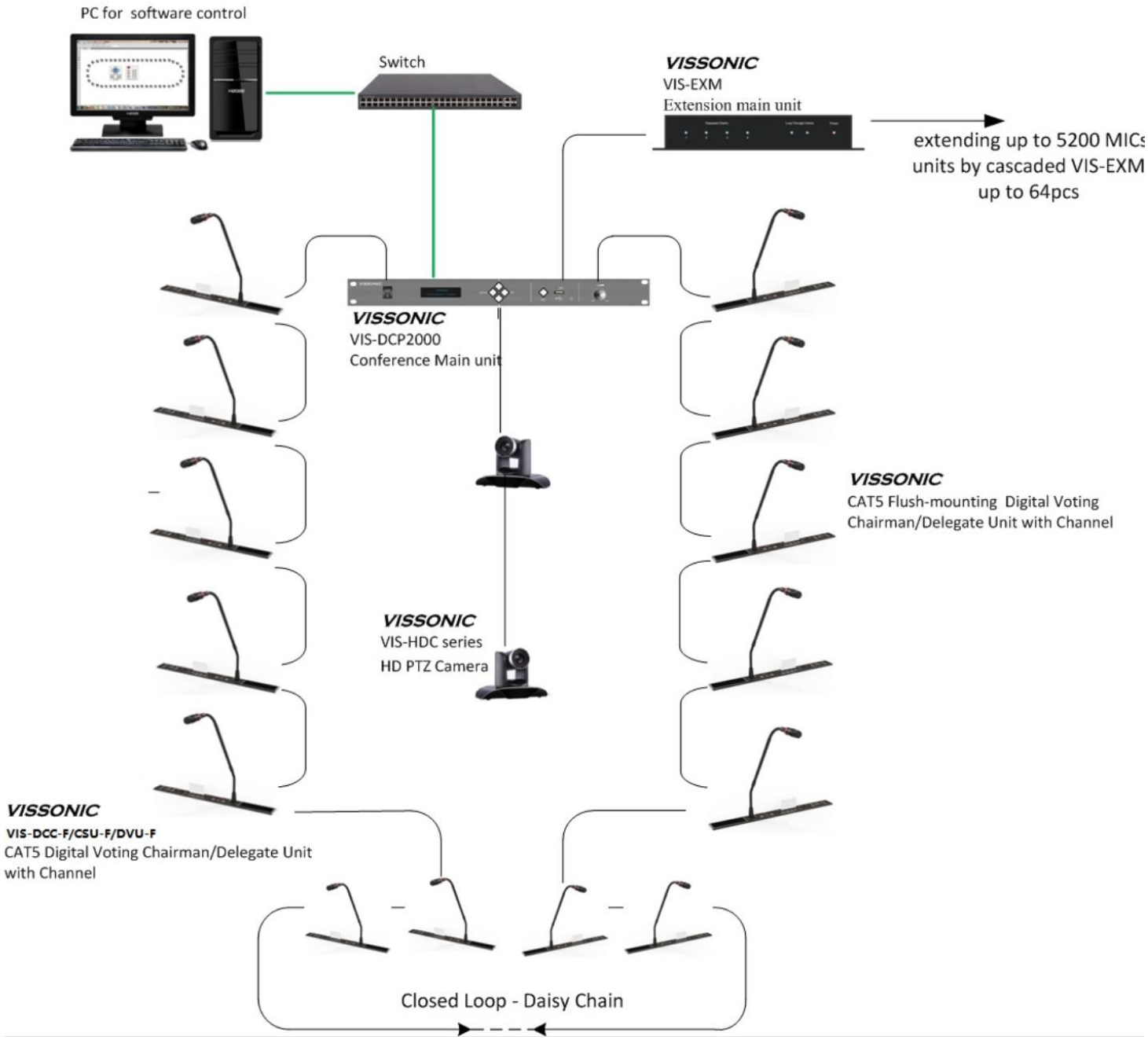
Full Digital Wired Conference Units

Product Datasheet

VISSONIC ELECTRONICS LTD.

Think Solution

Flush mount solution



CLEACON Series VIS-FFC-F1/VIS-FFD-F1

Flush-mounting all-in-one discussion Unit with Voting and Channel Selector

Features

- Flush mounting, Stylish, low profile design with physical interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- Internal high-fidelity loudspeaker
- Priority button and approval button
- Five voting keys
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- “Hand-in-Hand-Loop-Network” connection makes the system always working perfectly and more reliable.
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, all 64 channels with 20Hz~20KHz response
- Built-in channels selector consists of up/down channel select buttons
- 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.
- Gain and EQ (15 segment) of each microphone adjustable separately
- Hot plug and play
- Built-in contactless IC-Card reader

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
- Audio signals processed by high performance DSP
- Support AGC (Automatic Gain Control,15 segment)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control 15 segment)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function, support 'Hot plug and play'
- 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
- 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
- Key press sign-in or contactless IC cards sign-in
- Built-in contactless IC-card slot to place the IC card, while automatically logout once the card is taken out from the slot
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- Activation at any time for chairman unit (if the number of active microphones in this system is less than 8)
- The unit showing real time on the screen
- Priority button to switch off or to mute the delegate units
- Approve/denies delegates speaking request by two buttons

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with clock, interpretation channels and language, MIC ON/OFF etc.
5 voting keys with indicators
MIC ON/OFF buttons with indicators
Chairman unit with priority button and consent button for the delegates
Headphones volume up and down

Interfaces

Socket for Pluggable gooseneck microphone
3.5mm stereo Headphone 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
Equivalent noise: 20dBA (SPL)
Main material: Aluminum
The maximum sound pressure: 125dB (THD <3%)
Weight: 1.1kg (with microphone)
Dimension: 265L × 85W× 72H mm (without microphone)
Operating temperature: 0 ℃ to + 55 ℃
Color: Black

Item Model for Order

VIS-FFC-F1..... Digital Voting Chairman unit with Channel Selector & voting, microphone and cable not include
VIS-FFD-F1..... Digital Voting Delegate unit with Channel Selector & voting, 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