

Wired digital conference system (DC 190)

Wire Digital Conference System (DC 19 0)

Product Appearance

Conference Host



DC 19 0- S (Standard)



DC 19 0- SV (Visual Version)

Conference Terminal



DC 19 0- CS-C Straight Terminal (Chairman)



DC 19 0- CS-R straight pole terminal
(Attendance)



DC 19 0- CSD-C Straight Terminal (Chairman)



DC 19 0- CSD-R straight pole terminal
(Attendance)



DC 190 - CS2-C Straight Terminal (Chairman)



DC 19 0- CS2-R straight pole terminal
(Attendance)



DC 19 0- CG-C Gooseneck Terminal (Chairman)



DC 19 0- CG-R gooseneck terminal
(Attendance)



DC 190- CG2-C Gooseneck Terminal
(Chairman)



DC 190- CG2-R gooseneck terminal
(Attendance)

Features

- The digital control, power supply and sound between the main control unit and the conference unit are transmitted via cable (eight-core) \ network (RJ45) .
- High fidelity, high signal-to-noise ratio, no sound delay. Using a unique new anti-howling unidirectional high-sensitivity condenser microphone core, the conference sound is almost perfect .
- Built-in DSP digital audio module with adaptive feedback suppression, digital equalizer, and automatic gain functions to eliminate interference, distortion, crosstalk and other phenomena to the greatest extent.
- 2.4-inch TFT color display, 240RGB*320DOTS dot matrix display conference mode . Display Chinese function, clearer, can choose English display, traditional display, 3 languages display.
- The host has a built-in recording USB interface, supports automatic recording with an extended USB disk/SD card, can record all audio content in the meeting, supports 1000h continuous recording , and supports background music playback.
- The automatic shutdown function of the attendee unit is optional.
- The connection capacity is 1,000 units, supporting various connection methods such as ring hand-in-hand, T-type, and RJ45.
- Built-in connection for up to 8 PTZ cameras of HD and SD, camera tracking, supports PELCO-D, PELCO-P, and SONY protocols.
- Meeting modes: 6 meeting modes: first-in-first-out, last-in-first-out, quantity limit, chairman priority, time-limited speech, and free discussion.
- Number of speakers: can be set to 1 ~ 12, there is no limit on the number of chairpersons, and the free discussion mode is unlimited and can be opened for all.
- Built-in speech timing function: With speech timing function, the display screen can dynamically display the time.
- Automatic detection function The system has automatic detection function, including detection of chairman unit, number of delegate units, audio detection, key detection and list display functions.
- Customized ID numbering adopts ID addressing mode, and the unit number can be customized to ensure unique ID numbering, which can effectively avoid ID duplication and conflict.
- The hot-swap function has the function of "hot-swap" when the line is powered, supports automatic repair and rapid positioning of system faults, and does not affect the operation of other equipment.
- Intelligent identity recognition function: It has intelligent identity recognition function, and has the function of approving or rejecting any unit's application to be modified into the chairman unit or representative unit.
- Online setting and modification function: Unit data can be set and modified online. The identities of chairman unit and representative unit can be reallocated and set according to needs.
- Restore factory value function.
- Support conference room merge/split function.
- Multiple audio outputs, input has 1 XLR, 4 RCA, 1 TRS, 1 48V single wire connection, 1 monitoring, multiple audio outputs can adjust the volume independently.
- The interface has ≥ 1 balanced signal and ≥ 1 unbalanced signal input interface, ≥ 1 balanced signal and ≥ 1 unbalanced signal output interface.
- Extended Dante protocol audio output, supports extended Dante protocol audio output, and can communicate with other Dante audio devices for voice (video model).
- A valid test report issued by a nationally recognized third-party authoritative quality testing agency.

Parameter function

DC 190 system communication parameters

Communication	Wired digital communications
Audio frequency response	100Hz~18KHz
Sampling rate	48K
Signal-to-Noise Ratio	>85dB
Audio Total Harmonic Distortion	100Hz-18KHz conference system sound output is less than 0.1%

Conference Host (DC 190 - S; DC 190 - SV)

Display	2.4-inch TFT color display, 240RGB*320DOTS dot matrix display conference mode
USB interface	1 USB port
Control interface	RS-232 and RS-485 two control interfaces and control methods , cameras can be connected in series or in parallel (video version)
Camera tracking	Connect up to 8 PTZs in HD and SD, support PELCO-D, PELCO-P, SONY, tracking host and other protocols ,
Power Input	AC100V~240V international universal power supply and voltage stabilization system ensure safe and stable use under unstable voltage conditions.
Power consumption	<7W
Operating temperature	-10°C-40°C
Main unit size	480mm×75mm×175mm (W×H×D , 1.5U, including chassis feet)
Main control unit weight	4.6 kg

Conference terminal (W DC 20 0- CS-C/R; W DC 20 0- CS2-C/R; W DC 20 0- CS3-C/R; W DC 20 0- CSD-C/R; W DC 20 0- CG-C/R)

Microphone core	Condenser, 14MM pure gold diaphragm capsule, supercardioid polar pattern , sensitivity: -35dB; signal-to-noise ratio: 60dB; equivalent noise level: 35dB(A)/20u Pa; total harmonic distortion: 1%; frequency response: 50~16kHz; sensitivity: -42dB±2dB. Output impedance (ohm): 1200Ω.
Display	2.4-inch large TFT color display, 240RGB*320DOTS dot matrix display conference mode
powered by	DC24V
Current consumption	<150mA
Battery life	About 8 hours
Reference speaking distance	30cm-60cm
Operating temperature	-10°C - 40°C
size	Base: 180 mm × 120 mm × 60 mm (without microphone stem) Straight rod type: 200mm× 28mm × 30mm . Gooseneck : 4-20mm . Round rod: 220 mm, 30 mm, 30 mm.
weight	1. 2 kg (including microphone boom)
Features	■ T-type bus hand-in-hand connection technology, the failure or replacement of one unit machine or multiple units will not affect the operation of other unit machines in the system, thus making the

system more reliable.

- The system has an automatic repair function and supports "hot plugging" of lines.
- The chairman unit in the system is not restricted and can be placed in the loop position.
- With anti-popping function, the microphone is equipped with a windproof protective cover inside.
- The chairman unit in the system is not subject to restricted functions.
- Windable condenser microphone boom with speech indicator halo.
- LCD display, Chinese and English languages available.



Product functions may change due to technology upgrades. Please refer to the product website (www.iweex.cn) for the latest information.

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