



DWS-3000M is a new design for the Digital Wireless Central Controller Unit. Adopt all-digital conference technology, developed based on digital network architecture, built-in high-performance CPU processor, faster processing speed, better sound quality, support discussion, video tracking functions and can use vote functionality. With a 2.69-inch full-view IPS TFT screen, you can see the any status from there and see details clearly.

FEATURE

- Built-in high-performance CPU processor.
- Anti-interference circuit design to eliminate all interference from mobile phone signals.
- Adopt FM transmission audio, cooperate with high-reduction circuit and anti-howling design, and use the new anti-howling single-point high-sensitivity capacitor microphone core to achieve high-fidelity restoration of conference sound.
- 2.69-inch full-view IPS TFT screen, intuitive display and easy adjustment of system parameters.
- Support USB recording, high-fidelity WAV format output.
- This series of conference systems can support 200 wireless conference units, and the number of speakers can be set to 1-4 people at the same time,
- With variety of conference modes:
 - FIFO (first in, first out mode)
 - APPLY (application mode)
 - FREE (free mode)
 - LIMIT (restricted mode)
- Support conference service function, speaking unit can apply for tea, pen, help services.
- High-performance DSP processor to adjust the high and low frequencies and noise reduction on the audio to make the sound clear and thorough; effectively prevent howling.
- With USB interface, can be connected to a computer to set up the host.
- With camera 232 and 485 communication interface (6P Phoenix interface), connect SD or HD camera, support SONY VISCA, PELCO P / D communication protocol.
- With video switching 232 interfaces (3P Phoenix interface), can connect HD video matrix.
- With 2 channels of audio antenna interface (BNC interface) and 1 channel of data antenna interface (TNC interface).
- Operation distance up to 100 meters with the best condition, 60 meters in normal condition.

SPECIFICATIONS

AUDIO CHANNEL

Transmission method	UHF Wireless (one way)
Audio channel	4
Carrier frequency band	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Band width	17.8 MHz
Modulation method	FM
Receiving sensitivity	-90 dBm
Frequency response	20Hz ~ 20KHz

DATA CONTROL CHANNEL

Transmission method	UHF Wireless (two-way)
Data channel	20
Frequency Range (TX/RX)	UHF 433.050 ~ 434.790 MHz
Modulation method	FSK
Receiving sensitivity	-90 dBm
Transmission consumption	≤+7 dBm
Communication rate	110 KBPS
Frequency deviation	<0.003

DWS-3000M CONTROLLER UNIT

Carrier frequency band (RX)	UHF 694.5 ~ 702.7 MHz, 748.3 ~ 757.7 MHz
Frequency response	20Hz ~ 20KHz
Signal covering range	60 M
Consumption Rating	< 7.2W
Output	XLR x 1, 6.35mm x 1
Power supply	DC 12V / 2A
Display	IPS TFT
Operating temperature range	-10°C to 40°C
Color	Black
Dimensions (W x L x H)	483 x 266 x 45.3 mm
Weight	3.1 kgs.

Verification of compliance : **CE**

CONTROLS AND INDICATORS



FRONT

- Power on/off switch.
- IPS TFT screen for status information and configuration.
- 1 x Volume control and push for enter select to the menu.
- 2 x Button back or cancel (ESC) and Button confirm (Enter)
- 1 x USB Port (USB Recording)



REAR

- 2 x BNC : Audio signal receiving interface
- 1 x TNC : Data signal interface
- 4 x RS-232 :
 - 1 x Camera switch interface
 - 2 x Connector camera communication interface
 - 1 x Connector Data Expander
- 1 x RS-485 : Connector camera communication interface
- 1 x USB : Computer interface
- 1 x 6.3mm : Audio Unbalanced output
- 1 x XLR : Audio Balanced output
- 2 x RCA : Line In 1 / Out 3
- 1 x DC-12/18V in : Power adaptor

DWS-3000M

Digital Wireless Central Controller Unit
with Recorder & Support camera tracking.

EXAMPLE CONNECTION DIAGRAM



DWS-3000 Series applications, such as hall conference meeting rooms, education institutions etc.

KEY

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|--------------------------------|----------------------------------|
| 1. DWS-3000M (Controller Unit) | 1. DWS-3000C/D (Discussion Unit) |
| 2. SSV-5100UC | 4. RT Pro 4K |
| 3. DAP-8400 | 5. UHD-400AT20X |
| | 6. SVS-82W |

