



Anti-interference



Discussion



Camera

**Paperless Conference System**

**YC15**



**YC836M**  
Central Control unit



## YC836 Video Discussion Conference System

### Overviews

The main unit can match the request no matter for few of representative delegate units in the small conference system, or the big conference system including interpreter equipment, hundreds of representative units or wired and wireless language distribution equipments. The main unit has all the power supply for all of representative units and basic controlled function, and has port which connected with kinds of other equipments. Also, it can reach much more functions by adding other equipments and software.

### Features

- LCD display for status information and configuration
- Up to connect 240 pcs microphones with extension unit
- Operate independently or connect with computer external and use with software simultaneously
- Support Meeting Mode: Applied to speak, Limit, FIFO ,AUTO
- 1~9 microphone speak at the same time
- Supports automatic camera tracking
- Audio signal input interface, internal connects CD player or audio input equipment
- One group MIC input interface, external connects signal of handhold MIC and wireless MIC ,three group audio signal output interface, internal connects REC or audio equipment
- Installed inside 19inch standard frame

### Specifications

Power Supply	220V~240V -50Hz
Max Power Consumption	450W
Frequency response	40-16kHz
Total harmonic distortion	< 0.1%
Dimensions	500*400*13(mm)
Weight	8.2kg

# YC836M Central Controller Unit

## Specifications

Power Supply	AC220V-50HZ
Max Power Consumption	450W
Frequency response	40-16kHz
Input / Output	8P-DIN
Input	MIC 6.3mm RCA
Output	XLRM (Balance) RCA
Color	Dark Gray
Dimensions	500*400*13(mm)
Weight	8.2kg

## Interconnections

### Back

- Video Input 1-8
- Video Output 1-2
- RS-232 Connect To Pc
- Dome ( rs-232 )
- Indicator
- Dome ( rs-422 / Rs-485 )
- Delegate ( line )
- Line Out
- Mix Out
- Tel
- Data
- Treble Gain
- Power Port 220v-240v ~ 50hz-60hz





**YC15C**  
Chairman unit



**YC15D**  
Delegate unit

**Features**

- Microphone on/off button
- Annular red indicator lamp could show the state of the microphone
- Chairman unit number in the system is unrestricted, can join in any position of the system.
- Chairman can turn down delegate MIC by priority button,
- Easy adjustment: Raise or lower the monitor with a remote for comfortable viewing during meetings.
- Automatic angle: The monitor adjusts itself for the best view when lifted.
- Angle control: You can tweak the angle while watching.
- Smart shutdown: After meetings, it lowers the monitor, turns off automatically, and closes neatly.
- Safety and cleanliness: It keeps your monitor safe from theft and dust.
- Sleek design: When not in use, it keeps your desk tidy.
- Flexible usage: Use it alone or with others, and control it manually, with a remote, or with a central system.



**Specifications**

Touch Screen:	10-point touch (optional without touch)
Lifting Time	: 28 seconds
Tilt Angle	: 0-30 degrees
Chassis Dimensions:	538*75*660mm
Panel Dimensions:	55*888*5mm
Lifting Window Size:	488*25mm
Desktop Opening Size:	541*76mm
Panel Sink Size:	48*98*95mm (Length Width Thickness)
Environmental Conditions:	-20°C to 50°C
Screen Size	: 15.6 inches

Frequency response:	50-16kHz
Sensitivity	: 42dB±2dB
Aspect Ratio:	16:9
Screen Resolution:	1920*1080
Video Interface:	HDMI (standard), VGA optional
Contrast Ratio:	600:1
Monitor Thickness:	8.8mm
Power Supply:	AC 220V 50-60Hz
Total Weight:	19kg



## YC616 HD 4K Fixed Seamless Switching Matrix



### Overviews

The 4K fixed seamless switching matrix is a high-performance audiovisual seamless switching matrix. It supports a maximum resolution of 4K@30Hz for both input and output. It has 16 inputs and 16 outputs, with a total of 16x16 HDMI signal routes. It supports various controls including button control, serial port, and upper computer software, meeting the flexible scheduling and lossless high-definition display requirements audiovisual signals in different scenarios..

### Features

- 1U rack-mountable design.
- Supports HDMI 1.4 for both input and output.
- Supports resolutions up to 3840x2160@30Hz, with input capability of 1080P@120Hz.
- Color space support for 4:4:4.
- High-definition seamless switching matrix functionality.
- Multiple control methods including buttons, serial port, and upper computer software.
- Built-in multiple EDIDs with support for custom EDID.
- Outputs support various resolutions, and each port can be independently adjusted.
- Power-off memory function for seamless operation.

# YC510 4K Professional Conference Camera



## Specifications

Image Sensor	SONY 1/2.8" CMOS
Effective Pixels	8.5 Megapixels Image Sensors, 8.29 Megapixels Effective Pixels
Resolution	HDMI: 4KP30/25, 1080P60/59.94/50, 1080P30/29.97/25, 720P60/50 USB: 1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240 SDI: 1080P60/59.94/50, 1080P30/29.97/25, 720P60/50
Signal	PAL/NTSC
Lens	12X/20X optical zoom
Focal Length	12X: f=3.9mm(W)~46.8mm(T) 20X: f=5.2mm(W)~104mm(T)
Horizontal View Angle	12X: 72.5°(W)~6.5°(T) 20X: 58.7°(W)~3.2°(T)
Focus System	Auto/Manual
Minimum Illumination	0.1Lux
Exposure Control	Auto/Manual/Shutter Priority/Iris Priority/Bright Priority
Shutter	1/25s ~ 1/10000s
Gain	Auto/Manual
White Balance	Auto/Manual/indoor/Outdoor/onepush/ATW
Image Effect	Full color/image flip
S/N Ratio	≥ 50db
Pan	355°(max.speed:80°/s)
Tilt	-30°to +90°(max.speed:60°/s)
Video Output	HDMI、3G-SDI、USB3.0、IP ( NDI optional )
Power	12V DC(10.8 ~ 13.0V DC)
Operating Temperature	0° C ~40° C
Storage Temperature	-10° C ~60° C
Size	(W) 134 * (D) 174 * (H) 187mm
Weight	1200g
Color	Black/White
Protocol	SONY VISCA、PELCO P/D、VISCA over IP、ONVIF
Control Mode	RS-232、RS-422/485、IP
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232 cable, HDMI cable, USB3.0 cable, Bracket

## Feature

- **4K Ultra HD Resolution:**  
Utilizing a SONY 1/2.8-inch 8.5-megapixel high-quality image sensor, with an effective pixel count of 8.29 million, capable of delivering premium-quality images at a maximum resolution of 3840x2160.
- **20x Optical Zoom Lens:**  
Equipped with a high-quality telephoto lens, with a 58.7° field of view, offering 20x optical zoom and supporting 16x digital zoom.
- **USB3.0+HDMI+LAN+3G-SDI Full Interface:**  
Default Version: Supports HDMI and USB3.0 for 4K Ultra HD synchronous output, and LAN for high-definition 1080 output.  
Optional Version: Supports HDMI and LAN for 4K Ultra HD synchronous output, and USB3.0 for high-definition 1080 output.
- **Low Illumination:**  
Utilizes a new CMOS image sensor with ultra-high signal-to-noise ratio to effectively reduce image noise in low-light conditions. Applies 2D and 3D noise reduction algorithms to significantly reduce image noise, maintaining clean and clear images even in extremely low-light conditions, with an image signal-to-noise ratio of over 50dB.
- **Infrared Passthrough:**  
Aside from receiving its own dedicated remote control signals, it can also receive user infrared remote control signals and transmit them to video conferencing terminals via the VISCA IN port.  
Multiple Video Compression Standards:  
Supports various video compression formats including YUY2, H265, MJPG, and H264 across different interfaces.
- **Multiple Network Protocols:**  
Supports ONVIF, SRT, RTSP, RTMP, RTMPS, and optional NDIHX2 network protocols.  
Multiple Control Protocols:  
Supports VISCA (including VISCA Over IP), PELCO P/D, and NDI protocols, with automatic protocol recognition.
- **Multiple Installation Methods:**  
Offers various installation options including desktop, ceiling mount, and wall mount installations.



**YM80 Professional Conference Mixer Console**

**Overviews**

The pro mixing console is key to a professional audio system. Using pre amplifier as the main part, it can receive multi-channel audio signals of different impedances and levels and can equalize, mix, distribute these signals. As long as you achieve the best SNR and timbre through adjustment, the pro mixing console will complete efficient and quality transmission of audio signals.

**Technical Specifications of the YM80, YM120, YM160**

- YM80: 4 channels Mono and 4 channels Mic input, 2 channel stereo input
- YM120: 8 channels Mono and 8 channels Mic input, 2 channel stereo input
- YM160: 12 channel Mono and 12 channels Mic input, 2 channel stereo input

- High-performance Microphone Pre amplifiers with Switchable Phantom Power
- 3-band Channel EQ and High-pass Filters
- Built-in Channel Compressors
- Smooth 60-millimeter Faders & Illuminated Channel ON Switches
- Bright Meters for Visual Level Monitoring



**Specifications**

Model	YM80	YM120	YM160
Max. Output Level	19dBm (1kHz, THD=0.5%)	19dBm (1kHz, THD=0.5%)	19dBm (1kHz, THD=0.5%)
Residual Noise SNR	-75dB	-75dB	-75dB
S/N Ratio	71dB	71dB	71dB
Phones Output	40mW (1kHz, THD=0.5%, 200 Ω)	40mW (1kHz, THD=0.5%, 200 Ω)	40mW (1kHz, THD=0.5%, 200 Ω)
EQ	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB
Gain Control	Mono: -55dB~0dB Stereo: -10Db~0dB	Mono: -55dB~0dB Stereo: -10Db~0dB	Mono: -55dB~0dB Stereo: -10Db~0dB
Frequency Response	20Hz~20kHz +1.0, -3dB	20Hz~20kHz +1.0, -3dB	20Hz~20kHz +1.0, -3dB
T.H.D	Less than 0.05 (1kHz,0.775V)	Less than 0.05 (1kHz,0.775V)	Less than 0.05 (1kHz,0.775V)
Power consumption	25W	35W	45W
Dimension (W×D×H) mm	400x400x45	443x400x45	560x400x90
N.W	4.41 kg	5.57 kg	7 kg





**YAN300/YAN400/YAN800  
Professional Conference Amplifier**

**Overviews**

The pro amplifier has a built-in efficient transformer and high capacity filter power supply. This helps ensure lower distortion, greater low frequency control force and clearer voice when the amplifier outputs at full load. The pro amplifier offers three output modes, including stereo, mono and bridge output. The use of time delay relay circuit allows soft start, which helps protect the speaker against electric shock during POWER ON or OFF. The pro amplifier is widely used on many occasions for speech transmission and sound reinforcement.

**Features**

- Innovative Design: Stylish appearance with a standard 2U chassis height, suitable for rack installation. The high-strength symmetrical chassis structure ensures quick and easy assembly.
- High-Efficiency Power Supply: Features a large transformer and high-capacity filter capacitors for low distortion and enhanced low-frequency control at full load, delivering clearer sound.
- Front Panel Controls: Precise gain control and status indicators for power, signal, protection, and clipping.
- Advanced Protection Circuitry: Unique automatic protection for each channel, including DC, overheating, overload, and limiting.
- Automatic Cooling System: Variable-speed fan adjusts based on power usage for reliable performance.
- Professional Connections: Equipped with balanced XLR input/output interfaces and SPEAKON output connectors.
- Flexible Operation Modes: Rear panel switch for selecting stereo, bridge, or parallel modes.
- Powerful Output: Robust power output for a wide range of applications.

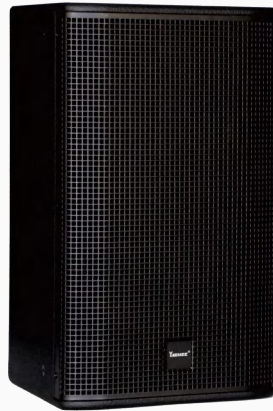
**Specifications**

MODEL NUMBER	YAN300	YAN400	YAN800
Input sensitivity/impedance	>20kΩ	>20kΩ	>20kΩ
Output consumption	8Ohm	2x300W	2x800W
	4Ohm	2x500W	2x1300W
	Bridged 8Ohm	600W	800W
Frequency response	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz
S/N ratio	98dB	98dB	98dB
Total Harmonic Distortion	<0.05%	<0.05%	<0.05%
Damping Factor	>300	>300	>300
Cooling System	Fan-cooled, airflow from front to rear, speed adjusts automatically based on temperature		
Power supply	AC220V~50Hz	AC220V~50Hz	AC220V~50Hz
N-W	15.7kg	16.4kg	19.2kg





YLN250



YLN350



YLN400

**Professional Conference Speaker**

Model	YLN250	YLN350	YLN400
Specification	horn tweeters, 10" bass	horn tweeters, 12" bass	horn tweeters, 15" bass
Color	black	black	black
Material	woodiness	woodiness	woodiness
Frequency response	70Hz ~ 18KHz	65Hz-18 kHz	42Hz- -18 kHz
Impedance	8Ω	8Ω	8Ω
Rate power	250W (Peak 500W)	350W (Peak 700W)	400W (Peak 800W)
SPL	117dB SPL	120dB SPL	128dB SPL
Dispersion Angle	90°-60°	90°-60°	90°-60°
Input sensitivity	94dB	96dB (1W / 1m)	96dB (1W / 1m)
Dimension(H*W*D)	308x345x520mm	369x410x595mm	442x490x711mm
Weight	16.5kg	21.5kg	30kg



YL50

**Specifications**

Specification	6.5"/1 way
Color	White
Material	Plastic
Frequency response	100Hz-16KHz
Impedance	4 Ω
Rated power	20W-50W
SPL	120dB, 124dB(peak)
Dimension(φ,H)	180mm*80mm
Weight	1.57kg
Installation	ceiling type

Connection Diagram





**Pictures of projects**

