



Description

The product is a magnetic camera array microphone module, which is used with a intelligent interactive flat panel to provide a full range of high-quality conference audio-visual solutions to meet the needs of different scenarios.

Feature

- *It has a built-in 48MP pixel high-definition camera and 8-array microphone, with a sound pickup distance of up to 12m, and has automatic noise reduction, reverberation suppression, automatic gain, echo cancellation, sound source localization, and far-field sound pickup functions.
- *The camera array microphone is a detachable module with a 12-pogo pin magnetic interface design. It does not require separate wiring and uses physical protection to prevent the possibility of leakage of meeting information.
- *It comes with a camera privacy cover, which allows you to turn the camera on and off with a simple physical switch.
- *Combined with the intelligent interactive flat panel, it can realize various camera modes including panoramic mode, smart framing and speaker tracking.
- *AI noise reduction can automatically eliminate 300 common noises, such as keyboard typing, chair moving, and air conditioning vibration.

Specification

Camera type	Magnetic camera, pluggable, plug and play
Drive standards	UVC/UAC national standard, only supports USB2.0
Electronic PTZ	Support
Zoom	3x
Focal distance	3~5m
Lens focus	Autofocus
Camera privacy cover	Support
Pixel camera	48MP
Camera resolution	640x480 30fps、1280x720 30fps、1920x1080 30fps、2560x1440 30fps、3840x2160 30fps、4000x3000 25fps、6000x8000 5fps
Image encoding format	YUY2、MJPG、H264、H265
Maximum field of view	118°±5°
Horizontal field of view	108°±5°
Vertical field of view	69°±5°
Distortion rate	No distortion
Angle	15° downward
Image signal-to-noise ratio	≥64db
Video algorithm	Automatic exposure control AE, automatic focus control AF, automatic white balance control AWB, wide dynamic WDR, intelligent framing Auto Framing, speaker tracking
Microphone	Linear 8 mics
Microphone sound pickup distance	12m
Sensitivity	≥-32db
Audio encoding format	Little end, 10 vocal tracts/vocal tract, pcm
Sampling frequency	16k
Number of sampling bits	16bit



Smart Camera Module

TV-S81CAM

Audio algorithm	Adaptive noise reduction ANC, adaptive echo cancellation AEC, adaptive gain AGC, AI noise reduction, echo cancellation, speech enhancement, reverberation suppression, fixed beam, sound source localization, far-field pickup
Operating voltage	DC 5V±5%
Standard power consumption	≤10W
Working temperature	-25°C-80°C
Storage temperature	5°C-40°C
Working humidity	40%RH-60%RH
Working altitude	≤5000m
Service life (warranty)	12 months
Length of use	7*18 hours
Bare machine size (L×W ×H) (mm)	301×61×46
Packaging size (L×W ×H) (mm)	340×101×77
Net weight (g)	168±3
Gross weight (g)	303±5
Shell color	Black
Shell material	Aluminum profile/plastic