

Ai Camera

CMM-8U6

SPECKTRON



48
Camera



Auto
Framing



Auto
Tracking



3D Noise
Reduction

Disclaimer: The product specifications, designs and solutions are subject to change without prior notice
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Experience crystal-clear video conferencing with the CMM-8U6 USB Camera.



1

Capture every detail with stunning clarity thanks to the 48MP camera.

2

Never worry about staying in frame again! Our AI-powered camera automatically tracks and frames participants, ensuring everyone is always seen clearly.

3

Enjoy crystal-clear audio with the built-in microphone array. With 8 microphones and a pickup range of up to 8 meters, every voice is heard loud and clear.

Key Features:

- 48MP CMOS sensor for high-resolution video.
- AI-powered auto tracking and auto framing.
- Built-in 8-microphone array with 8-meter pickup range.
- 105° field of view.
- 3D digital noise reduction.
- Automatic white balance and backlight compensation.
- UVC/UAC protocol standard.



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Specification

Imaging sensor	CMOS effective pixel 48MP
Sensor Size	1/2 inch
Digital noise reduction	3D Digital Noise Reduction
Image output format	MJPEG/YUY2/H.264
Working voltage	DC 5V
Working current	≤700mA
Resolution	MJPEG: 8000*6000/3840*2160/1920*1080/1280*960/ 1280*720
Diagonal field of view (FOV-D)	105°±5°
Mic input sensitivity	-26dB
Mic Signal to Noise Ratio	≥65dB
Operating temp range	0-50°C
Storage Temperature range	-30-70°C
Appearance & Size	292*41*31mm
Working current	≤700mA
Angle adjustment	Adjust up and down ≈ 15°
Adjust white balance	Automatic adjustment
Backlight Compensation	Automatic adjustment
Voice tracking	Supported
Auto framing function	Supported
Mic array number	Built-in 8 microphone array, positive voice picks up ≥8 meters,
Mic input sensitivity	126dB
Mic Signal to Noise Ratio	≥65dB
Protocol standard	UVC/UAC