

4K USB Camera with SoundBar



TLC-800-U2-4K

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4K USB Video Camera with Soundbar to Make Life-like Conferencing

TLC-800-U2-4K integrates a premium camera, microphone, and speakers into an All-in-One unit for a face-to-face video conferencing experience.

The camera's 120-degree wide-angle captures every participant in the conference room in high definition;

The exclusive audio algorithm allows every word of the participant to be heard;

The flexible and easy installation simplifies conference room deployment, truly plug-and-play.



See Everyone Clearly



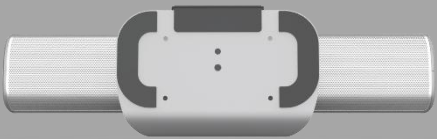
- Adopts advanced image processing solution, 1/2.8" 8.5MP CMOS sensor, and high quality 4K lens with 120-degree FOV, to provide sharp and crystal clear image.
- Max resolution 2160p30 (MJPEG/H.264/H.265) is supported.
- 4x electronic zoom adjustable.
- Auto-frame participants at meeting
- Type C USB port output high and low video resolution for different application scalable.

Hear Everyone Clearly



- Adopts beam forming microphone, and uses microphone array algorithms
- 360° Omni-directional and 5 meters voice pickup
- Full duplex communication
- 384ms acoustic echo cancellation and background noise suppression
- Auto-level loud and soft voices
- The peak-limiting algorithm eliminates even momentary speaker clipping to prevent distortion

Install and Operate Easily



- Comes with a mounting bracket, which can be placed above or below the monitor, or on the desktop of a conference room.
- Audio and video integration, reduce wiring, simplify installation, USB plug and play
- Configured with remote control, users can set functions according to their preferences and needs
- Built-in standard UVC protocol, which can be used with any conference software you like.

Video	
Sensor	1/2.5”CMOS sensor
Effective Pixel	8.5M effective pixels 16:9
Scan	Progressive
LENS	f=2.22mm±5%
Iris	F=2.4±5%
FOV	120°
Focus Mode	Fixed
White Balance	ATW/Auto/Manual/Outdoor/Indoor/ Sodium / Fluorescent/OnePush
Iris	Auto/Manual/Brightness Priority/Shutter Priority
Anti-Flicker	OFF/50Hz/60Hz
Noise Reduction	2D & 3D
Wide Dynamic	Support
Backlight compensation	Support
Color Enhancement	Support
Edge Enhancement	Support
Image Flip	Support
Image Mirroring	Support
Electronic Pan/Tilt	Support
Auto Frame	Support
Remote Controller	2.4G remote controller to set OSD menu, audio, mute, video
USB Port	Type C
Protocol	UVC1.0~1.5
Video Format	MJPEG/H.264/H.265/YUY2
Resolution	MJPEG/H.264/H.265: 3840x2160, 2592x1944, 2048x1536, 1920x1080, 1600x1200, 1280x1024, 1280x720, 1280x960, 1024x768, 800x600, 720x576, 704x576, 640x480, 640x360, 352x288, 320x240, 320x180 YUV: 1280x720, 1280x960, 1024x768, 800x600, 720x576, 704x576, 640x480, 640x360, 352x288, 320x240, 320x180
Frame	30FPS/25FPS/20FPS/15FPS/10FPS/5FPS
Audio	
Audio Input/ Output	Built-in Omni-directional microphone array
Protocol	UAC
Microphone	4pcs Omni-directional microphone
Speaker	4Ω/8W 100-24KHz 2 inch anti-magnetic horn
Pickup bandwidth	100-16KHz
Sampling frequency	32KHz(Ascending), 48KHz(Descending)
Sensitivity	-38dB~94dB SPL@1KHz
S/N ratio	65dB 94dB SPL@1KHz
Audio Feature	Auto acoustic echo cancellation, Auto gain, Auto background noise suppression, Full-duplex, 360°Omni-directional pickup, Array Microphone algorithms
Pickup range	3~5meters, ideal within 3 meters
Others	
Operation System	Windows7/8/10, MAC OS 10.7 and above, Android, Linux
RJ45	Only used for control and firmware upgrade
Power Consumption	12V/500Ma, power adapter
Dimension	Φ70.5×Φ70.5×370.7mm
Work Temperature	0°~40°C
Storage Temperature	-40°~70°C
Color	Metal Silver

Used For:



Board Room



Huddle Room



Small Room

Connection



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