

VISSONIC

Professional Audio Video Manufacturer

Auto-tracking Camera

PRODUCT DATASHEET



VISSONIC ELECTRONICS LTD.

Think Solutions

VIS-TCAMH-B
Auto-tracking Camera



Feature

- All-in-One Design for teacher and student
- Adjustable Viewing Angle in vertical (-25° ~ +15°)
- High Efficient tracking-by built-in image recognition and tracking algorithms
- Easy Configuration to make a configuration for tracking by Ethernet
- 72.5° Wide-angle Lens + 16x Digital Zoom
- H.265 Support
- 1080P Full HD
- Apply Panasonic's HD CMOS sensor 1/2.7 inch, 2.07 million pixels
- Ultra-high Frame Rate up to 60fps in 1080P.
- AAC Audio Encoding
- Low-light-High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm

Specification

Name	Auto Tracking Camera
Close-up Camera	
Video System	HD: 4K/30, 4K/25, 4K/29.97, 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x (optional)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)

Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥ 55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°
Panorama camera	
Video System	4096×2160@30, 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	C/CS Mount
Auto Iris	DC Driver
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Day-night Mode	IR cut filter with auto switch
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
Image Freeze	Support
Ceiling Installation	Support
Network Features	
Video Compression	H.265 / H.264 / MJPEG

Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576
Second Stream Resolution	720x576, 720x480, 320x240
Video Bit Rate	128Kbps ~ 8192Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, Onvif, DHCP, RTSP, RTMP, etc.
Input/Output Interface	
HD Output	1xHDMI: Version 1.3
	1x3G-SDI
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	1xRS232 In for close-up camera
	1xRS232 Out for close-up camera
Power Jack	JEITA type (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V
Current Consumption	1.5A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	18W (Max)
MTBF	>30000h
Size	TBD
Net Weight	TBD

About VISSONIC Electronics Limited

Our mission is to develop and manufacture the most comprehensive and innovative audio visual products for our clients. We provide the best performance/price ratio products because it could give you satisfaction just from the time you use them, we believe the good design with cutting edge technology on products will provide value to all our partners and end users. Listen to your demands, we fulfill it.

VISSONIC

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