CVA-HUN4K
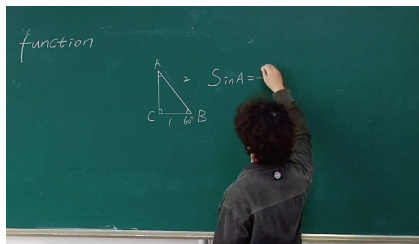## Video Tracking Camera with HDMI, USB and Network Output

VitBest CVA-HUN4K video tracking camera adopts the most advanced face and motion detection technology, it can lock and track moving target; realize smooth tracking performance automatically, and precisely lock the moving target in the center of the image. The camera can be set and controlled by lecture recording device through Ethernet and RS232 port. At the same time, network video and digital video from the camera can be obtained. With stability, easy-to-use and excellent performance, this kind of system is widely used in electronic classroom, distance learning, technical training and video conferencing room, etc.

FEATURES

- Dual-cam design, simultaneous 4K UHD outputs of tracking cam and full-view cam
- Tracking cam: 12X optical zoom, HFOV up to 81°, max resolution 4KP60
- Full-view cam: 4K lens, HFOV 94°, no distortion
- Built-in advanced AI algorithm based on deep learning, to ensure stable tracking and precise posture recognition
- Board writing recognition based on pose estimation, giving clear view of writing content
- Rich tracking modes such as auto framing, zone tracking, lock-n-track, group tracking
- Simultaneous outputs over HDMI, USB2.0, Ethernet, support POE
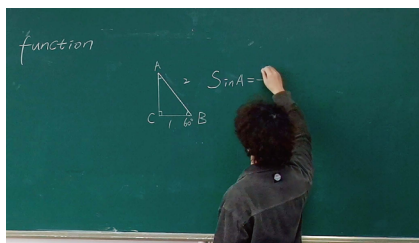- Built-in Web UI for easy setting and control

SPEAKER TRACKING

Board Writing Mode with deep learning technology, go to board writing preset & track once board writing is detected

Tracking lecturer only. Not tracking student who stands up, or waves hands

Auto adjust tilt angle as per lecturer's height

Track even if lecturer wears mask

☑ Keep tracking if lecturer turns around or stands still for a while

☑ Track lecturer only, instead of other moving object

☑ Not tracking moving objects on projector

☑ Track with lights on /off

☑ Tilt motion while tracking

Lecturer Tracking

Auto Framing

About VitBest

VitBest is a professional digital audio video products manufacturer dedicates in manufacturing high quality, reliable and stable products. For audio-visual system integrators, a trustworthy distribution and control electronics components means much more than their sizes.

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CVA-HUN4K

Video Tracking Camera with HDMI, USB and Network Output

TECHNICAL SPECIFICATIONS

TRACKING CAMERA

IMAGE SENSOR	1/2.8'' 4K CMOS, 8.46MP
LENS	12X optical zoom; 8X digital zoom; f=3.4mm~40.3mm; F1.8 (Wide)~3.6 (Tele)
HFOV	81°~7.6°
IMAGE	Auto Focus/Auto Exposure/Auto White Balance
AGC	Auto/Manual
WHITE BALANCE	Auto/Indoor/Outdoor/One Push/Manual/Static
AE CONTROL	Auto/Manual/Shutter Priority/Iris Priority/Brightness Priority
SHUTTER SPEED	1/50~1/10,000s
SNR	≥50dB

FULL VIEW CAMERA

IMAGE SENSOR	1/2.8''4K CMOS, 8.46MP
WHITE BALANCE	Auto
EXPOSURE	Auto
LENS	2.8mm
FIELD OF VIEW	Horizontal: 94°, Vertical: 62°

PTZ

PAN	-130°~+130°; 0.2° ~ 80°/s
TILT	-30°~+90°; 0.2° ~ 60°/s
PRESET NUMBER	64

INTERFACE

INTERFACE	4KP60/P50/P30/P25, 1080P60/P50/P30/P25, 720P60/P50
NETWORK	1 × RJ-45:10M/100M/1000M self-adaptation ethernet port, support POE; Video Format: H.264/H.265; Close-up: 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25, Single stream output 4KP60/P50/P30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25
USB 2.0	Full view: 4KP30/P25, 1080P30/P25, 720P30/P25, 360P30/P25 UVC support UVC1.1 protocol UVC video compression support H.264/MJPEG: 4KP30/P25 1080P30/P25,720P30/P25
3G-SDI(OPTIONAL)	1 ×3G-SDI, 1080P60/P50/P30/P25, 720P60/P50
AUDIO INTERFACE	1 × LINE IN, 3.5mm
DIP SWITCH	Rotary DIP switch to define video format
CONTROL INTERFACE	1 ×RS232 IN, 1 ×RS232 OUT

GENERAL

POWER	DC12V; <18W
CONTROL PROTOCOL	VISCA
OPERATING ENVIRONMENT	Temperature: 0°C ~ +40°C; Relative Humidity: 10%RH ~ 90%RH
STORAGE ENVIRONMENT	Temperature: -20°C ~ +60°C; Relative Humidity: 10%RH ~ 95%RH
DIMENSIONS(L×W×H)	245mm×145mm×165mm
WEIGHT	1.8kg