



TECHCART®

TC20HUL-AI 4K UHD PTZ CAMERA



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AUTO TRACKING 4K UHD PTZ CAMERA

Key Features

- 4K ULTRA HD (3840 x 2160)@60fps
- 20X Optical Zoom & 16X Digital Zoom
- AI Tracking (Auto Tracking & Auto Framing)
- USB 3.0, HDMI, SDI, LAN
- OLED Display
- Multiple Presets (10 Presets by Remote)



PARAMETERS		
Image Sensor	1/2.8 inch high quality HD CMOS sensor	
Effective Pixel	8.42M 16: 9	
Video Format	HDMI: 3840x2160/1920x1080P60/59.94/50/30/29.97/25;720P60/59.94/50	
	SDI: 1920x1080P60/59.94/50/30/29.97/25;1920x1080I60/50/59.94; 1280x720P60/59.94/ 50	
	USB: YUY2/NV12: 1920x1080/1280x720/1024x576/800x600/800x 448/640x480/640x360/480x270/320x180P30/25/20/15/10/5 H264/H265/MJPEG: 3840x2160/1920x1080/1600x896/1280x720/1024x576/960x540/ 800x600/800x448/720x576/720x480/640x480/640x360/ 480x270/352x288/320x240@60/30/25/20/15/10/5FPS	
	LAN: Master Code Stream: H264/H265: 3840x2160/2592x1944/2304x1296/1920x1080/1280x720 @60/30/25/20/15/10/5fps; Subcode Stream: H264/H265: 1920x1080/1280x720/640x360/640x480/320x240/320x180 @60/30/25/20/15/10/5fps;	
	USB Communication Protocol	UVC (Video Communication Protocol), UAC (Audio Communication Protocol)
	Power Interface	HEC3800 power socket (DC12V)
	Power Adapter	Input: AC110V-AC220V Output: DC12V/2A
	Input Voltage	DC12V±10%
	Input Currency	≤1.5A
	Power Consumption	≤18W

MONOCULAR TRACKING	
Tracking Modes	Off, Real-time Tracking, Stage Tracking, Area Tracking, and Intelligent Framing
Tracking Distance	Maximum tracking distance up to 18 meters

PTZ	
Pan	-170°~+170°
Tilt	-30°~+90°
Pan Speed	0.1 ~60°/s
Tilt Speed	0.1~30°/s
Preset Speed	Pan:60°/s, Tilt:30°/s
Preset Quantity	User can set 255 presets (10 via IR remote control)

INTERFACE	
Interface	HDMI, SDI, LAN(POE+ support), USB3.0, A-IN, RS232-IN, RS232-OUT, RS485, DC12V power supply
Video output	HDMI, SDI, LAN, USB3.0
Video compression formats	LAN:H.265, H.264 USB 3.0:MJPEG, H.264,H.265,YUY2,NV12
Video Bitrate	64-40960
Bitrate Control	Fixed Bitrate, Variable Bitrate
Frequency	50Hz: 1fps ~ 50fps 60Hz: 1fps ~ 60fps
Audio Input Interface	Dual audio channel 3.5mm linear input
Audio Output Interface	HDMI, LAN, USB 3.0, SDI
Audio Bitrate	32Kbps, 48Kbps, 64Kbps, 96Kbps, 128Kbps
Audio Compression Format	AAC, G.711A
Network Interface	1000M Ethernet port, optional POE+ power supply, supports audio and video output
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181,SR1; NDI(Optional), Dante AV(optional); supports network VISCA control protocol; supports remote upgrade, remote reboot, and remote reset
Control Interface	RS232-IN, RS232-OUT, RS485
Serial Communication Protocol	VISCA/Pelco-D/Pelco-P; supports baud rates of 115200/38400/9600/4800/2400

Best for Online / Hybrid Classes

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