



TECHCART[®] TC12HUL-AI 4K PTZ CAMERA



Key Features

- 4K ULTRA HD (3840 x 2160)@60fps
- 12X Optical Zoom
- AI Tracking (Auto Tracking & Auto Framing)
- Double Streaming at the Same Time
- Gravity Sensor
- USB 3.0, HDMI, SDI, RS232, LAN, AUDIO IN
- Rich and Perfect Interface
- Multiple Presets (10 Presets by Remote)



CAMERA PARAMETER
AI : Auto Tracking, Motion Tracking
Image Sensor : 1/2.5 Inch Ultra High Quality CMOS Sensor
Effective Pixels : 2.07 MP, 16:9
Video Format : 3840x2160, 2592x1944, 2560x1440, 1920x1080, 1280x720, 1024x576, 960x540, 800x448, 640x360, 320x176
Optical Lens : 12X Optical Zoom, f=4.4mm-52.8mm
View Angle : 8.8° ~ 68.8°
Iris : F1.8-2.6
Digital Zoom : 16X
Low Illumination : 0.5 Lux (F 1.8, AGC ON)
DNR : 3D
White Balance : Auto / Manual / One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K
Focus : Auto / Manual / One Push
Electronic Shutter : Auto / Manual
BLC : On / OFF
WDR : OFF / Dynamic Level Adjustment
Video Adjustment : Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma Curve
Video SNR : >55dB

PTZ PARAMETER
Pan / Tilt Rotation : -170°+170°, -30°+30°
Pan / Tilt Controller Speed : 1.7~76 Second, 0.5~15 Second
Present Speed : Pan-60~Second, Tilt-30~Second
Present Numbers : 255 Presets (10 Presets by IR Remote)

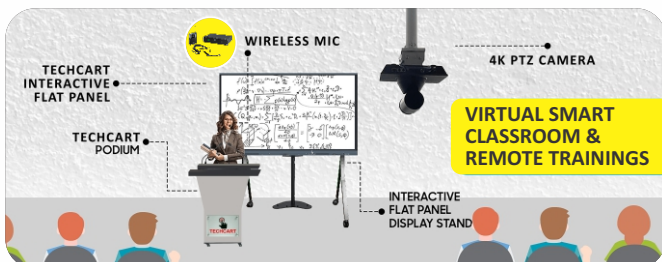
USB CHARACTERISTICS
Support Operating : Windows 7 / Pro, Windows 8, Windows 10, Windows 11 / Pro, Windows XP, Mac OS, Linux
Video Compression : H.265, H.264, MJPG
USB Communication : UVC Protocol

INTERFACE & PROTOCOLS
Video Output : USB 3.0 Type - B
Video Compression : H.264 AVC, H.264 SVC, H.265, MJPEG
Control Port : RS232 IN & OUT, RS485, Line In
Control Protocol : VISCA / Pelco-D / Pelco-P
Power Supply : HEC 3800 Outlet (DC 12V)

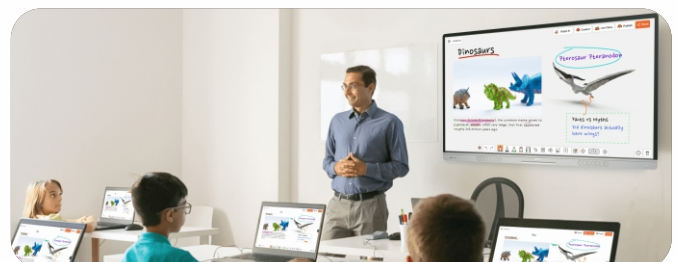
OTHER PARAMETER
Working Voltage : 12V
Working Current : 0.25A (Max)
Power Consumption : 2.5W (Max)
Storage Temperature : -40°C ~ 60°C -40°F ~ 140°F
Working Temperature : -10°C+40°C, 20%~80%
Dimension : 200mm x 176mm x 130mm (W x H x D)
Weight : 1.41 KG
Usage : Indoor Only
Package : Power Supply, USB 3.0 Cable, Remote Controller, User Manual
Accessories Optional : Mount (Extra Cost)

**Best for
Online / Hybrid Classes**

BOOK NOW



HYBRID CLASSROOM STUDIO SETUP



SMART CLASSROOM SETUP