



TEHCART®

TH 430

4K PTZ CAMERA



Key Features

- 4K Ultra HD Resolution (3840 x 2160)@60fps
- 12X Optical Zoom
- AI Tracking (Auto Tracking & Auto Framing)
- Leading Auto Focus Technology
- Low Noise and High SNR 3D
- Gravity Sensor
- USB, HDMI, SDI, LAN, RS232, AUDIO PIN
- Multiple Presets (10 Presets by Remote)



CAMERA PARAMETER

Image Sensor : 1/2.5 Inch High Quality Sony CMOS Sensor
Effective Pixels : 8.29 MP, 16:9
Video Format : 3840x2160, 2592x1944, 2560x1440, 1920x1080, 1280x720, 1024x576, 960x540, 800x448, 640x360, 320x176
Focal Length : f=7.23 mm
View Angle : 57.2° (D), 47° (H), 36° (V)
Iris : F 1.8 ~ F 3.56 + 5%
Digital Zoom : 3X
Low Illumination : 0.5 Lux (F1.8, AGC ON)
DNR : 2D & 3D DNRF 2.4 + 5%
White Balance : Auto / Manual / One Push / Specified color temperature
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
SNR : >50dB

USB CHARACTERISTICS

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

INTERFACE & PROTOCOLS

Video Output : USB
Video Compression : H.265, H.264, MJPG
Control Port : RS232 IN & OUT, RS485
Control Protocol : VISCA / Pelco-D / Pelco-P
Power Supply : HEC 3800 Outlet (DC 12V)

OTHER PARAMETER

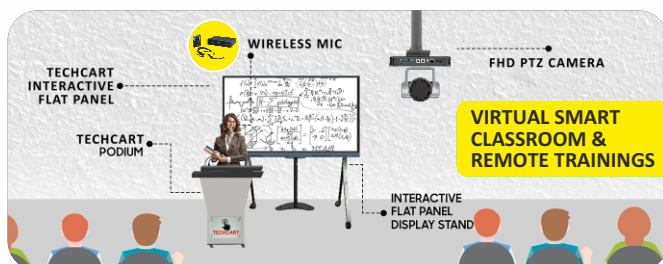
Working Voltage : 12V
Working Current : 0.42 A (Max)
Power Consumption : 5W (Max)
Storage Temperature : -10°C~+60°C, 20%~95%
Working Temperature : -10°C~+50°C, 20%~80%
Dimension : 220 x 114 x 159 mm
Weight : 1.7KG
Usage : Indoor Only
Package : Power Supply, USB Cable, Remote Controller, User Manual
Accessories Optional : Ceiling / Wall Mount (Extra Cost)

PTZ PARAMETER

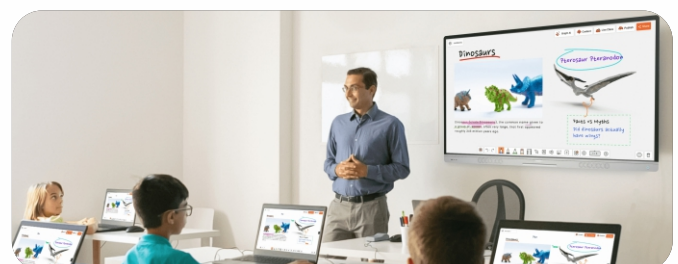
Pan / Tilt Rotation : -170°+170°, -30°+ 90°
Pan / Tilt Controller Speed : 0.1~60 Second, 0.1~30 Second
Present Speed : Pan-60-Second, Tilt-30-Second
Present Numbers : 255 Presets (10 Presets on IR Remote)

Best for Online / Hybrid Classes

BOOK NOW



HYBRID CLASSROOM STUDIO SETUP



SMART CLASSROOM SETUP