



TECHCART®

TH 5020

FHD PTZ CAMERA



Key Features

- FULL HD (1920 x 1080)@60fps
- 20X Optical Zoom
- Leading Auto Focus Technology
- Low Noise and High SNR 2D/3D
- Gravity Sensor
- USB, HDMI, SDI, LAN, RS232, AUDIO PIN
- Rich and Perfect Interface
- Multiple Presets (10 Presets by Remote)



1080P FULL HD 



CAMERA PARAMETER
Image Sensor : 1/2.9 Inch High Quality CMOS Sensor
Effective Pixels : 2.07 MP, 16:9
Video Format : 1920x1080P @60fps/25fps, 1280x720P @60fps/25fps, 1024x576P @60fps/25fps, 960x540P @60fps/25fps, 800x448P @60fps/25fps, 640x360P @60fps/25fps, 320x176P @60fps/25fps
Optical Lens : 20X Optical Zoom, f=4.34mm-41.66mm
View Angle : 8.8°~ 68.8°
Iris : F1.6-3.5
Digital Zoom : 10X
Low Illumination : 0.5 Lux (F1.8, AGC ON)
DNR : 2D & 3D DNR
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
SNR : >55dB

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

INTERFACE & PROTOCOLS
Video Output : USB 2.0
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 : 0.25A (Max)
Power Consumption : 2.5W (Max)
Storage Temperature : -10°C~+60°C, 20%~95%
Working Temperature : -10°C~+50°C, 20%~80%
Dimension : 156.8mm x 112.6mm x 139.5mm (W x H x D)
Weight : 1.46KG
Usage : Indoor Only
Package : Power Supply, USB 2.0 Cable, Remote Controller, User Manual
Accessories Optional : 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

