



# TEHCART<sup>®</sup>

## TH 3020

### FHD PTZ CAMERA



## Key Features

- FULL HD ( 1920 x 1080 )@60fps
- 20X Optical Zoom
- Leading Auto Focus Technology
- Low Noise and High SNR
- Multiple Control Protocols
- HDMI, SDI, LAN
- Low Power Sleep Function
- 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=5.5mm-110mm
View Angle : 8.8°~68.8°
Iris : F1.7-3.0
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 : >50dB

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 Type-A
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 )

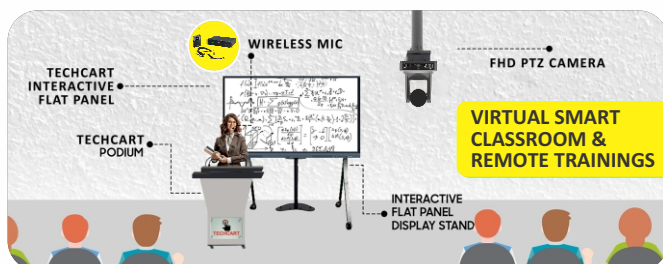
OTHER PARAMETER
Working Voltage : 12V
Working Current : 0.25A ( Max )
Power Consumption : 2.5W ( Max )
Storage Temperature : -10°C~+60°C, 20%~95%
Working Temperature : -10°C~+50°C, 20%~80%
Dimension : 150mm x 150mm x 167.5mm
Weight : 1.4 KG
Usage : Indoor Only
Package : Power Supply, USB 3.0 Cable, Remote 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**



**SMART CLASSROOM SETUP**