

Datavideo Product Compare

<https://datavideo.com/us/>

Model Number	PTC-205
Product	4K 20x Tracking PTZ Camera
Video format/Resolution	2160p60/50/30/25 1080p 60/50/30/25 1080i 60/50 720p 60/50
Image Sensor	1/2.8" CMOS
Effective Pixels (approx.)	8.51Mega Pixels
S/N Ratio	≥50dB
Min. Illumination	0.5 Lux @ (F1.8, AGC ON)
Electronic Shutter	1/30s ~ 1/10000s
Zoom Ratio	20x Optical, 8x Digital Zoom
Effective Zoom Ratio	18.12x
Gamma Control	N/A
Iris Control	Auto / Manual
Digital Noise Reductions	3D

On-Screen Display (OSD)	English/Simplified Chinese/Traditional Chinese
White Balance	Auto, Indoor, Outdoor, OnePush, Manual
AGC / Gain Control	Auto / Manual
HDR/WDR	N/A
Mirror / Flip Image	Yes
Focus Mode	Auto/Manual
Panning / Tilting Range	Pan: 340° Tilt: +90° to -30°
Panning / Tilting Speed	Pan: 0.1°/s~60°/s Tilt: 0.1°/s ~30°/s
Preset	255 Position
Focal Length	f = 5.05mm (wide) to 91.49 mm (tele) F1.8(Wide) □ F2.9(Tele)
Field of View (Horizontal, Wide)	60°
Image Compensation	Back light compensation
Video Output	HDMI x 1 3G-SDI x 1 RJ-45 PoE x1
Audio Input	3.5mm x1 (line in)
Tally LED	Dual color (Red, Green)
Lens Filter	M52.0 x 0.75 Thread with UV Protection

Control Protocol	Pelco-D, Pelco-P, VISCA, VISCA over IP, DVIP, ONVIF, NDI
Remote Control Interface	IR Web GUI RS-422/RS-232 DVIP NDI
Video Compression Format	H.264/H.265/MJPEG
Audio Compression Format	AAC, G.711
Audio Bitrate	96Kbps, 128Kbps, 256Kbps
HD IP Interface	10/100/1000M (RJ45)
Streaming Protocols	RTSP, RTMP(S), ONVIF, Multicast, SRT, NDI Hx3 (1080p)
First Stream Supported Resolution	3840x2160 1920x1080 1280x720 1024x576 960x540 640x480 640x360
Second Stream Supported Resolution	720x480 640x480 640x360 320x240
Video Bitrate	64Kbps ~ 50Mbps
Video Bitrate Mode	VBR, CBR

Encoding Frame rate	50Hz: 1-50fps 60Hz: 1-60fps
POE	IEEE 802.3at
F/W Update	Via Web UI
IR Control	Yes
Camera Control Unit	RMC-2P RMC-180 series/ RMC-300 series/ PTZ View Assist APP
Tripod Mount	1/4-20 UNC
Optional Accessories	WM-1/ WM-10/ WM-11
Color	Black/White
Dimension (LxWxH)	156 x 184 x 186 mm
Weight	1.6 kg
Operating Temp. Range	0~40 °C
Power	DC 12V 14W
What's in the Box	1 x PTC-205 Unit 1 x IR remote controller 1 x Ceiling mount bracket-A 1 x Ceiling mount bracket -B 6 x Ceiling mount bracket screw M3*4mm 1 x DC 12V Power Adaptor 1 x Power Cord 1 x Safety cable