

Datavideo PTC-280 4K HDMI/3G-SDI PTZ Camera with 12x Optical Zoom

PTC-280 4K PTZ Camera	
Video Output Resolution	HDMI: 3840 x 2160p at 25, 29.97, 30, 50, 59.94, 60 fps 1920 x 1080p at 25, 29.97, 30, 50, 59.94, 60 fps 1920 x 1080i at 50, 59.94, 60 fps 1280 x 720p at 50, 59.94, 60 fps SDI: 1920 x 1080p at 25, 29.97, 30, 50, 59.94, 60 fps 1920 x 1080i at 50, 59.94, 60 fps 1280 x 720p at 50, 59.94, 60 fps
Image Sensor	1/2.5" CMOS
Effective Pixels (approx.)	8.51Mega Pixels
S/N Ratio	≥55dB
Min. Illumination	0.5 Lux @ (F1.8, AGC ON)
Zoom Ratio	12x Optical, 16x Digital Zoom
Gamma Control	Off / Normal
Iris Control	Auto / Manual
Digital Noise Reductions	2D/3D Noise Reductions
On-Screen Display (OSD)	English/Simplified Chinese/Traditional Chinese
White Balance	Auto, Indoor, Outdoor, One Push, Manual
AGC / Gain Control	Yes
Mirror / Flip Image	Yes
Focus Mode	Auto/Manual
Panning/Tilting Range	Pan: 300° Tilt: +130° to -15°
Panning/Tilting Speed	Pan: 0.876°/s~43°/s Tilt: 0.693°/s ~21.32°/s
Preset	255
Focal Length	12x, f = 6.7mm ~125mm, F1.58 ~ F3.95
Field of View (Horizontal, Wide)	71°
Image Compensation	Back light compensation
Video Output	HDMI 2.0 x1 ,3G-SDI x1, 10/100/1000M RJ45 x1

Audio Input	3.5 mm x1 (mic in/line in)
Tally LED	Yes
Filter	N/A
Protocol	Pelco-D, Pelco-P, VISCA, VISCA over IP DHCP, RTSP, RTMP (IP Cam), RTMPS, DVIP
Remote Control Interface	IR , Web UI , RS-422 , DVIP
F/W Update	Via Web UI or USB 2.0
IR Control	Yes
Camera Control Unit	RMC-180,RMC-300A
Video Compression	H.264/H.265/MJPEG
Video Stream	Dual Stream
First Stream Supported Resolution	3840x2160 , 1920x1080 , 1280x720 , 1024x576 960x540 , 640x480 , 640x360
Second Stream Supported Resolution	1280x720 , 1024x576 , 720x576 (50Hz) , 720x480 (60Hz) 720x408 , 640x360 , 480x270 , 320x240
Video Bitrate	32Kbps ~ 50Mbps (Single Stream)
Video Bitrate Mode	VBR, CBR
Encoding Framerate	50Hz: 1-50fps 60Hz: 1-60fps
Audio Compression	AAC
Audio Bitrate	96Kbps, 128Kbps, 256Kbps
Supported Protocols	TCP/IP, HTTP, RTSP, RTMP(S), ONVIF, DHCP, Multicast
Power	DC 12V
Power Consumption	DC 12V
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Dimension (mm)	173 (W) x 219 (H) x 189.08 (D)