

# Datavideo Product Compare

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

|                            |  |
|----------------------------|--|
| Model Number               | <b>PTC-300</b>   |
| Product                    | <b>4K 20x PTZ Camera</b>   |
| Video format/Resolution    | HDMI:<br>2160p 60/59.94/50/30/29.97/25<br>1080p 60/59.94/50/30/29.97/25<br>1080i 60/59.94/50<br>720p 60/59.94/50<br><br>SDI:<br>1080p 60/59.94/50/30/29.97/25<br>1080i 60/59.94/50<br>720p 60/59.94/50<br><br>(2160p 60/59.94/50 YUV 4:2:0 only) |
| Image Sensor               | 1/1.8" CMOS  |
| Effective Pixels (approx.) | 8.42Mega Pixels  |
| S/N Ratio                  | ≥55dB  |
| Min. Illumination          | 0.5 Lux @ (F1.8, AGC ON)   |
| Electronic Shutter         | 1/30s ~ 1/10000s   |
| Zoom Ratio                 | 20x Optical, 16x Digital Zoom  |
| Effective Zoom Ratio       | 18.66x   |

|                                  |   |
|----------------------------------|---|
| Gamma Control                    | Off / Normal                                    |
| Iris Control                     | Auto / Manual                                   |
| Digital Noise Reductions         | 2D/3D   |
| On-Screen Display (OSD)          | English/Simplified Chinese/Traditional Chinese  |
| White Balance                    | Auto, Indoor, Outdoor, OnePush, Manual, VAR     |
| AGC / Gain Control               | Yes   |
| HDR/WDR                          |   |
| Mirror / Flip Image              | Yes   |
| Focus Mode                       | Auto/Manual                                     |
| Panning / Tilting Range          | Pan: 300°<br>Tilt: +90° to -15°                 |
| Panning / Tilting Speed          | Pan: 0.876°/s~43°/s<br>Tilt: 0.693°/s ~21.32°/s |
| Preset                           | 255   |
| Focal Length                     | 20x, f = 6.7mm ~125mm, F1.58 ~ F3.95            |
| Field of View (Horizontal, Wide) | 60°   |
| Image Compensation               | Back light compensation                         |

|                                   |   |
|-----------------------------------|---|
| Video Output                      | HDMI 2.0 x1<br>3G-SDI x1<br>10/100/1000M RJ45 x1                                |
| Audio Input                       | 3.5mm x1  |
| Tally LED                         | Yes   |
| Lens Filter                       | N/A   |
| Control Protocol                  | Pelco-D, Pelco-P,<br>VISCA, VISCA over IP,<br>NDI, DVIP                         |
| Remote Control Interface          | IR<br>Web GUI<br>RS-422<br>DVIP   |
| Video Compression Format          | H.264/H.265/MJPEG   |
| Audio Compression Format          | AAC   |
| Audio Bitrate                     | 96Kbps, 128Kbps, 256Kbps  |
| HD IP Interface                   | ----  |
| Streaming Protocols               | RTSP, RTMP(S), Onvif, Multicast, SRT  |
| First Stream Supported Resolution | 3840x2160<br>1920x1080<br>1280x720<br>1024x576<br>960x540<br>640x480<br>640x360 |

|                                    |  |
|------------------------------------|--|
| Second Stream Supported Resolution | 1280x720<br>1024x576<br>720x576 (50Hz)<br>720x480 (60Hz)<br>720x408<br>640x360<br>480x270<br>320x240 |
| Video Bitrate                      | 32Kbps ~ 50Mbps (Single Stream)  |
| Video Bitrate Mode                 | VBR, CBR   |
| Encoding Frame rate                | 50Hz: 1-50fps<br>60Hz: 1-60fps   |
| POE                                | IEEE 802.3at   |
| F/W Update                         | Via Web UI or USB 2.0  |
| IR Control                         | Yes  |
| Camera Control Unit                | 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                              | Dark Blue/White  |
| Dimension (LxWxH)                  | 173 (W) x 219 (H) x 189.08 (D)   |
| Weight                             | 2.6 kg   |
| Operating Temp. Range              | 0~40 °C  |
| Power                              | DC 12V 12W   |

What's in  
the Box

1 x PTC-300 product  
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 Safety cable