

# Datavideo Product Compare

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

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| Modell-Nr                  | <b>PTC-205</b>                                                     |
| Product                    | <b>4K 20x Tracking PTZ Camera</b>                                  |
| Video format/Resolution    | 2160p60/50/30/25<br>1080p 60/50/30/25<br>1080i 60/50<br>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°<br>Tilt: +90° to -30°                                 |
| Panning / Tilting Speed          | Pan: 0.1°/s~60°/s<br>Tilt: 0.1°/s ~30°/s                        |
| Preset                           | 255 Position                                                    |
| Focal Length                     | f = 5.05mm (wide) to 91.49 mm (tele)<br>F1.8(Wide) □ F2.9(Tele) |
| Field of View (Horizontal, Wide) | 60°                                                             |
| Image Compensation               | Back light compensation                                         |
| Video Output                     | HDMI x 1<br>3G-SDI x 1<br>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,<br>VISCA, VISCA over IP,<br>DVIP, ONVIF, NDI                  |
| Remote Control Interface           | IR<br>Web GUI<br>RS-422/RS-232<br>DVIP<br>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<br>1920x1080<br>1280x720<br>1024x576<br>960x540<br>640x480<br>640x360 |
| Second Stream Supported Resolution | 720x480<br>640x480<br>640x360<br>320x240                                        |
| Video Bitrate                      | 64Kbps ~ 50Mbps                                                                 |
| Video Bitrate Mode                 | VBR, CBR                                                                        |

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