

Datavideo Product Compare

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

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| Model Number | PTC-300NDI |
| Product | 4K NDI PTZ Camera |
| Video format/Resolution | HDMI: 2160p 60/59.94/50/30/29.97/25 1080p 60/59.94/50/30/29.97/25 1080i 60/59.94/50 720p 60/59.94/50 SDI: 1080p 60/59.94/50/30/29.97/25 1080i 60/59.94/50 720p 60/59.94/50 (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 |
| Gamma Control | Off / Normal |

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| 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° Tilt: +130° to -15° |
| Panning / Tilting Speed | Pan: 0.876°/s~43°/s Tilt: 0.693°/s ~21.32°/s |
| Preset | 255 Position |
| 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 3G-SDI x1 10/100/1000M RJ45 x1 |
| Audio Input | 3.5mm x1 |

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| Tally LED | Yes |
| Lens Filter | N/A |
| Control Protocol | Pelco-D, Pelco-P, VISCA, VISCA over IP, NDI, DVIP |
| Remote Control Interface | IR Web GUI RS-422 DVIP NDI |
| 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, NDI Hx |
| 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 |

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| Video Bitrate | 32Kbps ~ 50Mbps (Single Stream) |
| Video Bitrate Mode | VBR, CBR |
| Encoding Frame rate | 50Hz: 1-50fps 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 | <ul style="list-style-type: none"> 1 x PTC-300NDI 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 |