

# Datavideo Product Compare

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

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| Model Number               | <b>PTC-145</b>                                                         |
| Product                    | <b>HD 20x Tracking PTZ Camera</b>                                      |
| Video format/Resolution    | 1080p 60/59.94/50/30/29.97/25<br>1080i 60/59.94/50<br>720p 60/59.94/50 |
| Image Sensor               | Sony 1/2.8" CMOS                                                       |
| Effective Pixels (approx.) | 2.07 Mega pixels                                                       |
| S/N Ratio                  | ≥50dB                                                                  |
| Min. Illumination          | 0.5 Lux @ (F1.8, AGC ON)                                               |
| Electronic Shutter         | 1/30s ~ 1/10000s                                                       |
| Zoom Ratio                 | 20x Optical Zoom, 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, Manual, One Push                         |
| AGC / Gain Control               | Yes                                                             |
| 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: 0.1~60°/sec<br>Tilt: 0.1~30°/sec                           |
| Preset                           | 255 Positions                                                   |
| 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               | Backlight Compensation                                          |
| Video Output                     | HDMI x 1<br>3G-SDI x 1<br>RJ-45 PoE x1                          |
| Audio Input                      | 3.5mm 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/RS-485 (RJ45)<br>DVIP<br>NDI        |
| Video Compression Format           | H.264/H.265/MJPEG                                                  |
| Audio Compression Format           | AAC, G711                                                          |
| 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  | 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 Frame rate                | 50Hz: 1-50fps<br>60Hz: 1-60fps                                     |
| POE                                | IEEE 802.3af<br>PoE+                                               |

|                       |                                                                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F/W Update            | Via Web UI                                                                                                                                                                                                              |
| IR Control            | Yes                                                                                                                                                                                                                     |
| Camera Control Unit   | RMC-2P<br>RMC-180 series/<br>RMC-300 series/<br>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-145 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 |