Cameras

# 4K 30x 12G Tracking PTZ Camera

**PTC-600G**

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|---|---|
| Video format/Resolution | HDMI/12G-SDI:<br>2160p 60/59.94/50/30/29.97/25 (2160p60/59.94/50 YUV 4:2:2)<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>2160p 60/59.94/50/30/29.97/25<br>1080p 60/59.94/50/30/29.97/25<br>720p 60/59.94/50 |
| Image Sensor | Sony 1/1.8" CMOS |
| Effective Pixels (approx.) | 8.42 Mega Pixels |
| S/N Ratio | ≥55dB |
| Min. Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Electronic Shutter | 1/30s ~ 1/10000s |
| Zoom Ratio | 30x Optical, 4x Digital Zoom |
| Effective Zoom Ratio | 31.06x |
| 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, One Push, Manual |
| AGC / Gain Control | Yes |
| HDR/WDR | N/A |
| Mirror / Flip Image | Yes |
| Focus Mode | Auto/Manual/One Push |
| Panning / Tilting Range | Pan: 340<br>Tilt: -20~+105 |
| Preset | 255 Positions |
| Focal Length | 30x, f=6.91mm~214.64mm, F1.35(Wide) ~F4.6 (Tele) |
| Field of View (Horizontal, Wide) | 60° |
| Image Compensation | Back light compensation |
| Video Output | HDMI 2.0 x 1<br>3G-SDI x1<br>12G-SDI x1<br>10/100/1000M RJ45 (802.3bt, PoE++) x1<br>UVC out (USB type C) x1 |
| Audio Input | XLRx2 (line in), 3.5mm x1 (mic in) |

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| Tally LED | Yes |
| Lens Filter | N/A |
| Control Protocol | Pelco-D, Pelco-P, VISCA, VISCA over IP, DVIP, ONVIF, NDI, FreeD |
| Remote Control Interface | Standard/12G-SDI Version:<br>IR, Web GUI, RS-422/RS-232, 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 \| Hx3 |
| 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 | PoE++ |
| F/W Update | Via Web UI or USB 3.0 (type C) |
| 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 |
| Color | Black/White |
| Dimension (LxWxH) | 187(W)x 253(H)x233(D) mm |
| Weight | 3.0 kg |
| Operating Temp. Range | 0~40 °C |
| Power | 12V 5A (37.4W) |