

# Datavideo Product Compare

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

Model Number	<b>PTC-150</b>	<b>PTC-140</b>
Product	<b>HD/SD PTZ Video Camera</b>	<b>HD 20x PTZ Camera</b>
Video format/Resolution	1080p 59.94/50/29.97/25 1080i 59.94/50 720p 59.94/50 480i, 576i (on CVBS)	1080p 60/59.94/50/30/29.97/25 1080i 60/59.94/50 720p 60/59.94/50
Image Sensor	1/2.8" type progressive scan CMOS sensor	Sony 1/2.8" CMOS
Effective Pixels (approx.)	2.14 Mega pixels	2.07 Mega pixels
S/N Ratio	50dB	>55dB
Min. Illumination	Color : 0.4 lx B/W : 0.03 lx (F1.6, 1/30 sec, 50IRE, Gain: High)	0.5Lux (F1.8, AGC ON)
Electronic Shutter	1/25~1/1250 sec (50/25Hz) 1/30~1/1500 sec (59.94/29.97Hz)	Auto / Manual
Zoom Ratio	30x Optical Zoom	20x Optical Zoom, 10x Digital Zoom
Effective Zoom Ratio	30x	18.85x
Gamma Control	Off / Normal / Standard Mode 1-4	Off / Normal
Iris Control	Auto / Manual	Auto / Manual
Digital Noise Reductions	Yes	Yes

On-Screen Display (OSD)	English	English/Simplified Chinese/Traditional Chinese
White Balance	AWB, MWB, One push WB, Outdoor, Indoor, Fluorescent	Auto, Manual, One Push, 3000K, 4000K, 5000K, 6500K
AGC / Gain Control	Auto / Manual Max. Gain Limit	Auto / Manual
HDR/WDR	WDR	----
Mirror / Flip Image	Yes	Yes
Focus Mode	Auto / Manual	Auto / Manual
Panning / Tilting Range	Pan: 270° , Tilt: +90° to -20°	Pan: 340° , Tilt: +90° to -30°
Panning / Tilting Speed	Manual: 1~150°/Sec Swing: 1~150°/Sec	Pan: 0.1~60°/sec Tilt: 0.1~30°/sec
Preset	50 Position	255 Position
Focal Length	f=4.3 mm (WIDE) to 129 mm (TELE) F1.6 to F4.7	f=5.2 (wide) to 98 (tele) mm F1.6 to F3.5
Field of View (Horizontal, Wide)	Approx. 63.7° (WIDE END) / 2.3° (TELE END)	Approx. 54.7° (WIDE END) / 3.3° (TELE END)
Image Compensation	Day & Night Function	Backlight Compensation
Video Output	3G-SDI x1 HDMI x1 CVBS x1	HDMI x 1 SDI x 1
Audio Input	----	3.5mm Line in
Tally LED	Dual color (Red, Green)	Dual color (Red, Green)
Lens Filter	M52.0 x 0.75 Thread with UV Protection	M52.0 x 0.75 Thread with UV Protection

Control Protocol	VISCA, DVIP	Pelco-D, Pelco-P, VISCA, VISCA over IP, DVIP, ONVIF
Remote Control Interface	IR RS-422 DVIP	RJ-45: for IP control (DVIP) RS-232: Mini DIN 8-pin (IN / OUT) RS-485
Video Compression Format	----	H.264/H.265
Audio Compression Format	----	AAC, G711
Audio Bitrate	----	96Kbps, 128Kbps, 256Kbps
HD IP Interface	----	100M IP port(100BASE-TX); Support DVIP
Streaming Protocols	----	RTSP, RTMP(S), ONVIF, Multicast, SRT
First Stream Supported Resolution	----	----
Second Stream Supported Resolution	----	----
Video Bitrate	----	----
Video Bitrate Mode	----	----
Encoding Frame rate	----	----
POE	----	----
F/W Update	USB	Via Web GUI
IR Control	Yes	Yes

Camera Control Unit	RMC-180 series/RMC-300 series	RMC-2P RMC-180 series/ RMC-300 series/ PTZ View Assist APP
Tripod Mount	1/4-20 UNC	1/4-20 UNC
Optional Accessories	WM-1/ WM-10/ WM-11	WM-1/ WM-10/ WM-11
Color	Dark Blue/White	Black/White
Dimension (LxWxH)	173(W) x 189(H) x 219(D)	156(W) x 184(H) x 186(D)
Weight	2.7 kg	1.6 kg
Operating Temp. Range	0~40 °C	0~40 °C
Power	DC 12V 29W	DC 12V 12W
What's in the Box	<ul style="list-style-type: none"> <li>1 x PTC-150 Unit</li> <li>1 x IR remote controller</li> <li>1 x Ceiling mount bracket -A</li> <li>1 x Ceiling mount bracket -B</li> <li>6 x Ceiling mount bracket screw M3*4mm</li> <li>1 x DC 12V Power Adaptor</li> <li>1 x Power Cord</li> <li>1 x A tightrope</li> </ul>	<ul style="list-style-type: none"> <li>1 x PTC-140 Unit</li> <li>1 x IR remote controller</li> <li>1 x Ceiling mount bracket-A</li> <li>1 x Ceiling mount bracket -B</li> <li>6 x Ceiling mount bracket screw M3*4mm</li> <li>1 x DC 12V Power Adaptor</li> <li>1 x Power Cord</li> <li>1 x Safety cable</li> </ul>