

Datavideo Product Compare

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

Model Number	PTC-145NDI
Product	FHD 20x NDI Tracking PTZ Camera
Video format/Resolution	1080p 60/59.94/50/30/29.97/25 1080i 60/59.94/50 720p 60/59.94/50
Image Sensor	1/2.8 inch high quality HD CMOS sensor
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
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 Tilt: 0.1~30°/sec
Preset	255 Positions
Focal Length	f = 5.05mm (wide) to 91.49 mm (tele) F1.8(Wide) □ F2.9(Tele)
Field of View (Horizontal, Wide)	60°
Image Compensation	Backlight Compensation
Video Output	HDMI x 1 3G-SDI x 1 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, VISCA, VISCA over IP, DVIP, ONVIF, NDI

Remote Control Interface	IR Web GUI RS-422/RS-232/RS-485 (RJ45) DVIP 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 1280x720 1024x576 960x540 640x480 640x360
Second Stream Supported Resolution	720x480 640x480 640x360 320x240
Video Bitrate	32Kbps ~ 50Mbps (Single Stream)
Video Bitrate Mode	VBR, CBR
Encoding Frame rate	50Hz: 1-50fps 60Hz: 1-60fps
POE	IEEE 802.3af
F/W Update	Via Web UI

IR Control	Yes
Camera Control Unit	RMC-2P 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)	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-145NDI Unit 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 Power Cord 1 x Safety cable