

# HDPTZ1080-20S / HDPTZ1080-30S

2 Megapixel 1080P HD-over-Coax PTZ Camera



## Features

- 20X/30X Optical Zoom
- Max. 30fps @ 1080P & 60fps @ 720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto Iris, Auto Focus
- Control Over Coaxial Cable, Long Distance Real-Time Transmission
- Max 300°/s Pan Speed, 360° Endless Pan Rotation
- Up to 255 Presets, 5 Auto Scan, 8 Tour, 5 Pattern
- Built-in 2/1 Alarm In/Out
- Support Intelligent 3D Positioning With DH-SD Protocol
- IP66 Weatherproof



## Specifications

	HDPTZ1080-20S	HDPTZ1080-30S
Image Sensor	1/2.8" Exmor CMOS	
Effective Picture (H×V)	1920 x 1080	
Scanning System	Progressive	
Electronic Shutter	1/1 ~ 1/30,000s	
Min. Illumination (Color / B&W)	0.05 Lux @ F1.4 / 0.005 Lux @ F1.4; 0 Lux (IR On)	
S/N Ratio	>55dB	
Resolution	25/30fps@1080P, 25/30/50/60fps@720P	
Video Output	1x Channel BNC HD-over-Coax high definition video output / CVBS standard definition video output (can switch)	
Day/Night	Auto (ICR) / Color / B&W	
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	2D / 3D	
Privacy Masking	Up to 24 Areas	
Zoom (Optical / Digital)	20X / 16X	30X / 16X
Focal Length / Max Aperture	4.7 ~ 94 mm / F1.4 ~ F2.6	4.5 ~ 135mm / F1.6 ~ F5.0
Focus Control	Auto / Manual	
Close Focus Distance	100~1,000 mm	
Angle of View	H: 54.1° ~ 3.1°	H: 67.8° ~ 2.4°
Range (Pan / Tilt)	Pan: 0.1° ~ 360° s / Tilt: -10° ~ 90°, auto flip 180°	
Manual Control Speed (Pan / Tilt)	Pan: 0.1° ~ 350° s / Tilt: 0.1° ~ 250°	
Preset Speed (Pan / Tilt)	Pan: 500° /s; Tilt: 250° /s	
Preset	80 (DH-SD) / 255 (Pelco-P/D)	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Speed Setup	Human-Oriented Focal Length / Speed Adaptation	
Power Up Action	Auto restore to previous PTZ and lens status after power failure	
Idle Motion	Activate Preset, Pan, Scan, Tour, Pattern if there is no command in the specified period	
Time Task	Auto Activation of Preset, Pan, Scan, Tour, Pattern By Preset-Time	
Protocol	DH-SD, Pelco-P/D (Auto Recognition)	
Audio Input	1 × Channel	
RS485	1 × Port	
Alarm (In / Out)	2 / 1 × Channels	
Waterproof / Vandalproof Ratings	IP66 / IK10	
Power (Supply / Consumption)	AC 24V/3A (±10%) / 9.5W, 21W (Heater On)	
Working Environment	-40°~140° F (-40°~60° C) / Less than 90% RH	
Dimensions (D×H) / Weight (bracket not included)	7.3" × 9.9" (186 × 253 mm) / Approx 5.5lbs (2.5 kg)	
Warranty	1 Year	