

Features

- 4.7mm ~ 94.0mm (20x optical zoom)
- Triple Stream Encoding
- Max 30fps @ 1080P (1920x1080)/ 60fps @ 720P
- WDR (D-WDR), Day/Night (ICR), Ultra DNR, Auto Iris, Auto Focus
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- Max 500 °/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
- Micro SD memory, IP67, easy installation



Specifications	HD2MPTZ20
Image Sensor	1/2.8" Exmor CMOS
Effective Picture (H×V)	1920 x 1080
Frame Rate	Main Stream: 1080P / D1 (1 ~ 30fps), 720P (1 ~ 60fps) Sub Stream 1: D1/CIF(1 ~ 25/30fps) Sub Stream 2: 720P/ D1/ CIF (1 ~ 25/30fps)
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)
Scanning System	Progressive
Electronic Shutter	1/3 ~ 1/10,000s
Min. Illumination (Color / B&W)	Color: 0.5 Lux @ F1.4 / B&W: 0.005 Lux @ F1.4
S/N Ratio	>55dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
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	Ultra DNR (2D / 3D)
Privacy Masking	Up to 24 Areas
Zoom (Optical / Digital)	20X / 16X
Focal Length / Max Aperture	4.7mm~94.0mm / F1.4 ~ F2.6
Focus Control	Auto / Manual
Close Focus Distance	100~1000 mm
Angle of View	H: 54.1° ~ 3.2°
Range (Pan / Tilt)	Pan: 0° ~ 360° Endless / Tilt 0°~90°/s, 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: 500°/s
Preset	300
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 (Auto Recognition)
Audio Input	1 × Channel
RS485	1 x Port
Alarm (In / Out)	2 / 1 × Channels
Waterproof / Vandalproof Ratings	IP67 / IK10 (optional)
Power (Supply / Consumption)	AC24V/1.5A (±10%), PoE plus (802.3at) / Outdoor Consumption: 13W, 23W (Heater On) / In-ceiling: 13W
Working Environment	-14°~140° F (-40°~60° C) / Less than 90% RH
Dimensions (D×H) / Weight	Outdoor: 7.3" x 9.7" (186.0mm x 253mm) / In-ceiling: 7.8" x 7" (198mm x 177mm) / Approx 5.5 lbs (2.5 kg)
Warranty	1 Year