

# EPN IP Speed Dome Series

2, 1.3Megapixel, 20x/22x Optical Zoom, True Day/Night, Network Speed Dome Camera

neVIO HD Series PSIA & ONVIF Compliant



Outdoor

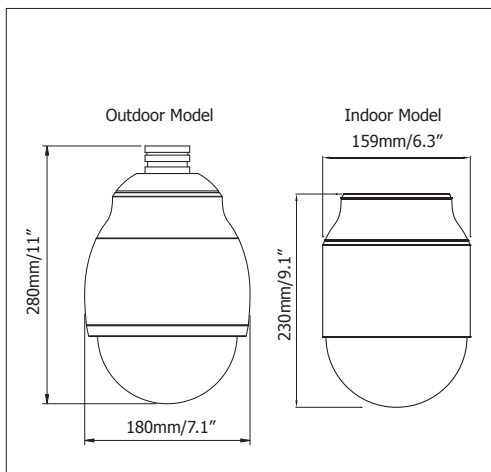
Indoor

2 Megapixel HD IP PTZ Cameras

## Features

- H.264 / M-JPEG multi-stream output
- Supports dual streams
- Supports MDI/MDI-X auto crossover
- Bandwidth control: 256K/384K/500K/750K/1M/2M/3M/4M/5M/6M bytes per second
- Built-in network interface (10 / 100 Base-TX)
- Smart Wizard settings for various event and schedule recording conditions
- One-click easy installation
- Built-in 20x / 22x optical AF zoom
- True Day/Night function with removable IR cut filter
- Low luminance for better image quality at night
- Motion Detection
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Built-in Dynamic Noise Reduction (DNR)
- Digital Image Stabilizer (DIS)
- Region of Interest (ROI) support
- Excellent position accuracy of  $\pm 0.1$  degree
- From super slow [0.01°/sec] to very fast [360°/sec] pan/tilt speed
- IP66-rated and IK10 vandal resistance housings for all outdoor models
- Maximum of 192 preset positions available
- Supports directional virtual compass for easy operation
- Programmable auto pan / 16 tours / 4 patterns
- 2 priority alarm inputs & 2 alarm outputs
- Smart alarm reaction & resume after alarm
- Enhanced auto-resume & power-up function
- Digital flip function
- Supports EverFocus' CMS and mobile applications
- ONVIF/PSIA compliant

## Dimensions



## Specifications

Model Name	EPN4220 (Outdoor)	EPN4220i (Indoor)	EPN4122 (Outdoor)	EPN4122i (Indoor)
Pickup Device	1/3" Sony CMOS		1/3" panasonic CMOS	
Megapixel	2 M		1.3 M	
Scanning System	NTSC/PAL		NTSC/PAL	
Min. Illumination	color: 0.3 Lux @ F1.6 B/W:0.1 Lux @ F1.6		color: 0.3 Lux @ F1.6 B/W:0.1 Lux @ F1.6	
S/N Ratio (AGC OFF)	> 50 dB		> 50 dB	
Electronic Shutter	1/2 ~ 1/10,000 sec		1/2 ~ 1/10,000 sec	
Optical Zoom	20x		22x	
Memory Card	Micro SD / SDHC		Micro SD / SDHC	
Picture Compression	H.264 / M-JPEG			
Picture Resolution	1920 x 1080, 1280 x 720, 1024 x 768, 720 x 576, 720 x 480, 704 x 576, 704 x 480, 640 x 480, 352 x 288, 352 x 240, 320 x 240		1280 x 960, 1280 x 720, 1024 x 768, 720 x 480, 704 x 480, 640 x 480, 352 x 240, 320 x 240	
Streaming Frame Rate	1 ~ 30fps(NTSC), 1~25 fps (PAL)			
Focus Control	One Push / Auto / Manual			
Iris Control	Auto / Manual			
True Day/Night	Yes (Auto / DAY / NIGHT)			
Auto Gain Control	Yes (Auto / Manual)			
Backlight Comp.	Yes (On/Off)			
Wide Dynamic Range	Yes (On/Off)			
Dynamic Noise Reduction	Yes (OFF / Low / Mid / Hi)			
White Balance	Auto / Indoor / Outdoor / One Push / Manual			
Motion Detection	Yes (4 zone)			
Privacy Zone Masking	Yes (4 zone)			
Video Output	1Vp-p / 75Ω			
Audio Streaming	Two-way audio			
Audio Compression	G.711			
Audio Input / Output	3.5 mm phone jack			
Horizontal Rotation Speed	0.01°/s ~ 360°/s (1-255 grade shift gears)			
Manual Pan/Tilt Speed	Pan: 0.01° ~ 180°/s ; Tilt: 0.01° ~ 180°/s			
Position Accuracy	$\pm 0.1^\circ$			
Horizontal Rotation Range	360° unlimited rotation			
Tilt Rotation Range	90° pendulum motion			
Auto Speed Control	Control speed auto-adjusted according to zoom length changing			
Auto Pan, 2 Points Scanning	Can set freely			
Auto Pan Speed	1 ~ 255 grade available, 0.01°/s ~ 360°/s			
Dwell Time (2 points)	1 ~ 99 second available			
Preset Positions	192 positions			
Running to Position Speed	1 ~ 255 grade available, 0.01°/s - 360°/s			
Dwell Time at Preset Position	1 ~ 99 second available			
Tour	16 groups			
Tour Point per Group	16 preset positions			
Pattern	4 patterns with 90 sec long each			
Interface	10 / 100 Base-T Ethernet, RJ-45 socket			
Supported Protocols	HTTP, TCP / IP, FTP, SMTP, DHCP, DNS, DDNS, NTP			
Bandwidth control	Min. 64 k Byte/sec adjustable			
Alarm	4 in 1 out triggered by intelligent event and external input			
Environmental Rating	IP66 for outdoor			
Vandal Resistance	IK10 for outdoor			
Power Source	24VAC			
Power Consumption	30W Max			
Operating Temperature	-40°C ~ +50°C $\cong$ 95% / -40°F ~ +122°F $\cong$ 95% (outdoor) -10°C ~ +50°C $\cong$ 85% / 14°F ~ +122°F $\cong$ 85% (indoor)			
Dimensions (W x H)	180 x 280 mm / 7.1" x 11" (outdoor) 159 x 230 mm / 6.3" x 9.1" (indoor)			
Weight	3.0 kg/6.62lbs			
Certificates	CE, FCC			

\* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information  
\* Lens models and availability vary in different regions

\* All product specifications are subject to change without notice