

EPN4230 IP Speed Dome Series

2-Megapixel, 30x Optical Zoom, True Day/Night
Dual Power, Network Speed Dome Camera

eZ Tracker



PSIA & ONVIF



Outdoor

Indoor

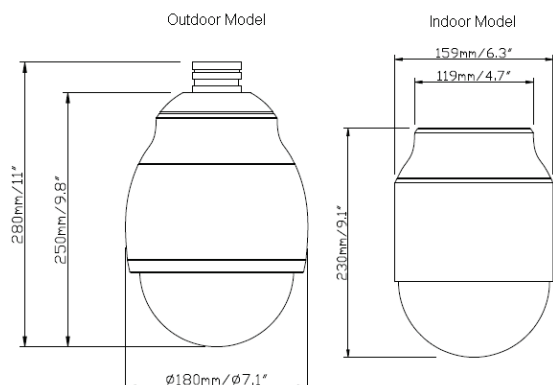
Features

- Built-in 30x optical AF zoom
- New features Defog, Visibility Enhancer & Image Stabilizer support
- 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 bits per second
- Built-in network interface (10 / 100 Base-TX)
- Smart Wizard settings for various event and schedule recording conditions
- One-click easy installation
- True Day / Night function with removable IR cut filter
- Low luminance for better image quality at night
- New features Defog, Visibility Enhancer & Image Stabilizer support
- 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
- Defog function support
- Excellent position accuracy of ± 0.1 degree
- From super slow [0.01°/sec] to very fast [360°/sec] pan/tilt speed
- Supports eZ Tracker function: combining a fisheye and speed dome cameras for easy tracking and smooth PTZ with 360° surround view
- 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

Specifications

| Model Name | EPN4230d (Outdoor) | EPN4230di (Indoor) |
|-------------------------|---|--------------------|
| Pickup Device | 1/2.8" Exmor CMOS sensor | |
| Megapixel | 2MP | |
| Scanning System | NTSC / PAL | |
| Min. Illumination | Color: 0.05Lux @ F1.6 ; B/W: 0.001 Lux @ F1.6 | |
| S/N Ratio (AGC OFF) | > 50 dB | |
| Electronic Shutter | 1 ~ 1/10,000 sec. | |
| Optical Zoom | 30x | |
| Digital Zoom | 12x | |
| Memory Card | 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 | |
| Streaming Frame Rate | 1 ~ 30 fps (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 (OFF / ON) | |
| Wide Dynamic Range | Yes (OFF / ON / VE) | |
| Defog | Yes (OFF / Low / Mid / Hi) | |
| 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) | |
| Highlight Compensation | Yes | |
| Video Output | 1Vp-p / 75ohm | |
| Audio Streaming | Two-way audio | |
| Audio Compression | G.711 | |
| Audio Input / Output | 3.5 mm phone jack | |
| Horizontal Rotation | 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 | 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 | 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 | 1 ~ 255 grade available, 0.01°/s - 360°/s | |
| Dwell Time at Preset | 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 | 2 in 2 out triggered by intelligent event and external input | |
| Environmental Rating | IP66 for outdoor | |
| Vandal Resistance | IK10 for outdoor | |
| Power Source | PoE IEEE 802.3at (Class 4) / 24VAC | |
| Max. Power Consumption | PoE 30W / 24VAC 24W Max | |
| Operating Temperature | -40°C ~60°C / -40°F~140°F | |
| Dimensions (Φ x H) | 180 x 280 mm / 7.1" x 11" (outdoor); 159 x 230 mm / 6.3" x 9.1" (indoor) | |
| Weight | 3.0kgs / 6.62lbs | |
| Certificates | CE, FCC | |

Dimensions



* All product specifications are subject to change without notice

* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information