Easy Installation

WDR On

WDR Off

nevio Series

EPN3600

IP/Network H.264 PTZ Speed Dome with Auto Tracking

The innovative, high performing EPN3600 features H.264/MPEG4/MJPEG compression with 530 TVL of resolution and up to 30 FPS digital output at 4CIF resolution. With triple streaming output, this IP speed dome offers simultaneous live monitoring and high resolution recording, as well as built-in network connectivity.

Engineered with an intelligent auto-tracking function, the EPN3600 will detect any progressively moving object and follow the object within the lens area of coverage. Auto-tracking also features exclusive masking, pan/tilt limits and flexible resume functions.

With Wide Dynamic Range feature, the EPN3600 can handle even the most challenging of bright or unbalanced scenes consisting of extreme lighting and dark areas.

True Day/Night with removable IR cut filter is utilized for daytime true color recognition and is removed in low-light conditions to maximize infrared sensitivity for clear night vision image.
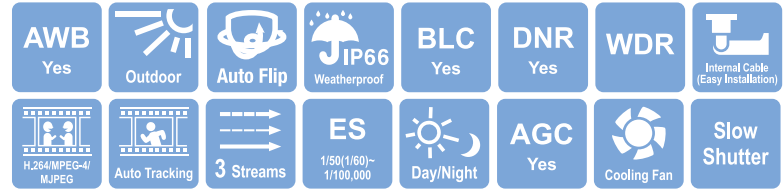
Quick and easy installation by simply "snap & lock" the camera module onto housing base.

EverFocus®

EPN3600 nevio Series

IP/Network H.264 PTZ Speed Dome with Auto Tracking

Specifications

Pickup Device	1/4" Sony Ex-View HAD CCD
Video Format	NTSC / PAL
Scanning System	NTSC: 525TVL, 60 fields/sec. (PAL: 625 TVL, 50 fields/sec.)
Picture Element	768x494 (NTSC) / 752x582 (PAL)
Horizontal Resolution	530 TVL
Min. Illumination	Normal: 1.4 Lux, 1/60 (1/50) sec. Night Mode: 0.01 Lux, 1/4 (1/3) sec. (ICR On)
S/N Ratio	50dB (AGC Off)
Electronic Shutter	1 ~ 1/10,000(s)
Digital Slow Shutter	60x (50x for PAL)
Shutter Selection	AUTO/A.FLK/Manual 1~10,000 selectable
Lens Type	36x optical zoom, f=3.4mm (wide)~122.4mm (tele), F1.6 to F4.5
Zoom Ratio	432x max. (36x optical zoom, 12x digital zoom)
Compression	H.264/MPEG4/MJPEG
Picture Resolution	4CIF, VGA, CIF, QVGA, QCIF NTSC: 720x480, 640x480, 352x240, 320x240, 176x144 PAL: 720x576, 640x480, 352x288, 352x288, 176x144
Streaming Frame Rate	1~30 FPS (NTSC), 1~25 (PAL) adjustable
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)
White Balance	Auto/Indoor/Outdoor
Motion Detection	Yes (4 zone)
Privacy Zone Masking	Yes (8 zone)
Video Output	1Vp-p/75ohm
Audio Streaming	Two-way audio
Audio Connection	ADPCM (Pulse Code Modulation) U-Law
Audio Input/Output	External microphone input/line input/line level output
Auto Tracking	Tracking Mask, Pan/Tilt Limits, Manual Tracking
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	±0.1°
Horizontal Rotation Range	360° unlimited rotation
Tilt Rotation Range	180° pendulum motion
Auto Speed Control	Control speed auto adjusted according to zoom length change
Auto Pan	2 points scanning (can be set freely)
Auto Pan Speed	1~255 grade available, 0.01°/s ~ 360°/s
Dwell Time (2 points)	1~99 second available at preset position
Preset Positions	192 positions
Running to Position Speed	1~255 grade available, 0.01°/s ~ 360°/s
Tour (Point per Group)	16 groups (16 preset positions)
Pattern	4 patterns with 90 seconds long each
Interface	10Base-T/100Base-TX auto negotiation, RJ-45 socket
Supported Protocols	HTTP, TVP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64k Byte/second adjustable
Alarm	4 in, 2 out (triggered by intelligent event and external input)
Power Source	24VAC
Power Consumption	30W max.
Operating Temperature	-40°C ~ + 50°C ≤ 95% / -40°F ~ + 122°F ≤ 95%
Safety	CE, FCC
Environmental Rating	Weather resistant IP66 rated
Dimension	180 x 280 mm / 7.1" x 11" (W x H)
Weight	Approx. 3 kg / 6.62 lbs

IP/Network H.264 PTZ Speed Dome with Auto Tracking

AWB Yes	Outdoor	Auto Flip	IP66 Weatherproof	BLC Yes	DNR Yes	WDR	Internal Cable (Easy Installation)
H.264/MPEG-4/MJPEG	Auto Tracking	3 Streams	ES 1/50(1/60)~1/100,000	Day/Night	AGC Yes	Cooling Fan	Slow Shutter

Features

- Supports smart auto tracking functions
- Triple stream H.264/MPEG-4/MJPEG digital signal output with up to 30FPS at full D1 resolution (704x480)
- H.264/MPEG4/MJPEG output for simultaneous live monitoring and high resolution recording
- Support 4 independent video streams that can provide different compression formats and resolutions
- Supports MDI/MDI-X auto crossover function
- Bandwidth control: 64k/128k/256k/1M/2M/4M/8M bps and unlimited
- Built-in network interface (10Base-T/100Base-TX) for remote monitoring by PC
- Smart Wizard settings for various event and schedule recording conditions
- "Snap & lock" easy installation
- True Day/Night function with removable IR cut filter
- Low luminance for improved image quality at night
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Motion Detection (4 zones)
- Privacy Zone Masking (8 zones)
- Excellent position accuracy to ± 0.1°
- Weather resistant IP66 rated to endure all weather conditions
- Maximum 192 preset positions available
- Supports directional virtual compass for easy operation. Users can select any reference direction as North Point
- Programmable auto panning, 16 tours, 4 patterns
- Smart alarm reaction & resume after alarm
- Enhanced auto-resume & power-up function
- Digital Flip function

Ordering Information

EPN3600: H.264 Network PTZ Dome, 36x Zoom, Auto Tracking, WDR, True Day/Night, IP66 Rated

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

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