



Intelligent Surveillance *System*



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EverFocus[®]

EPTZ430 / EPTZ830

22x Outdoor / Indoor High Speed Dome Camera

EPTZ430/830, the 22x series offers the highest performance with Sony Super HAD CCD II, 540TVL, 22x optical zoom, Day/Night (D/N), 3D Noise Reduction (3DNR), Digital Slow Shutter (DSS) and Privacy Zone Masking (PZM). The day/night and DSS features allow you to see clear images in senses as dark as 0.00005 Lux. A 22x optical zoom combining with all high-performance features make sure it work well for 24/7 surveillance. All of the functions also support it for a day/night and demanding application such as banks, airports, stations, casinos, streets of cities, intelligent buildings, and etc.

EPTZ430

Indoor Recessed Day/Night 22x Optical Zoom High Speed Dome



EPTZ830

Outdoor IP66 Day/Night 22x Optical Zoom High Speed Dome



Specifications:

Image Sensor	1/4 inch SONY Super HAD CCD II
Zoom Ratio	22x Optical Zoom
Lens	22x Optical Zoom (F1.5 Wide End, F3.0 Tele End, f=3.3~73mm)
Horizontal Resolution	540 TV Lines
Min. Illumination	Color: 0.001(0.3) Lux (Sens-up OFF) B/W: 0.0005(0.05) Lux (Sens-up OFF)
Electronic Shutter Speed	Auto/Off/A.FLK/Manual 1/60s(50s) ~ 1/90000s
Digital Slow Shutter (DSS)	Up to 128x
Day/Night Mode	Auto/Day/Night
S/N Ratio	more than 50dB (AGC Off)
Iris	Auto/Manual
Focus	Auto/Manual/One Push
White Balance	Auto/Indoor/Outdoor/Manual
Backlight Comp	High/Middle/Low/Off
Auto Gain Control (AGC)	High/Middle/Low/Off
Privacy Zone Masking(PZM)	On (8 Zones)/Off
Noise Reduction	High/Middle/Low/Off
Preset Point	Up to 192 Preset Points
Built-In Protocols	Everfocus, Pelco-D, Pelco-P, Samsung
Horizontal Rotation Range	360° unlimited rotation
Tilt Rotation Range	180° pendulum rotation, support digital flip
Running to Position Speed	1-239 grade available, 0.01°/s~360°/s
Dwell Time at Preset Position	1-239s available
Position Accuracy	±0.1°
Manual Pan/Tilt Speed	0.01°/s~180°/s
Proportional Pan Speed	Control speed auto-adjusted according to zoom length changing
Auto Pan (2 points scanning)	Can set freely
Auto Pan Speed	1-239 grade available
Dwell Time (2 points)	1-239s available
Tour	16 groups
Tour Points per Group	16 preset positions
Pattern	1 pattern with up to 60 second
Alarm	4 in 1 out with tour/position auto triggering
Address Editable	Yes (through DIP switch)
ID Address	0-255
Communication	Standard RS-485
Communication Speed	1200/2400/4800/9600bps
Fan / Heater	Fan/heater auto starts (EPTZ830)
Operating Temperature	EPTZ830: -40°C ~ 60°C / -40°F ~ 140°F EPTZ430: 0°C ~ 40°C / 32°F ~ 104°F
Operating Moisture	±95%
Power Supply	24VAC
Power Consumption	18W max without heater; 70W max with heater
Dimensions	EPTZ830: Approx. 218.5 (W) x 267.35 (H) mm / 8.6" (W) x 10.5" (H) EPTZ430: Approx. 208.5 (W) x 221.6 (H) / 8.2" (W) x 8.7" (H)

Weight

Approx. 4.2 kg / 9.25lb
Approx. 3.2 kg / 7.05 lb

Safety
Weather

Z830)



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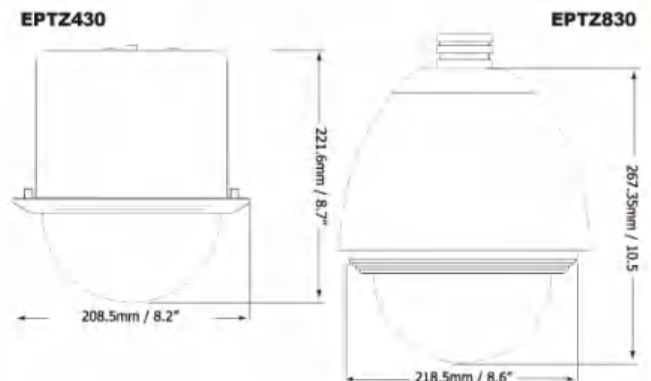
Features:

- EPTZ430 indoor recessed mount; EPTZ830 outdoor housing with wall mount bracket/power/heater/fan.
- 1/4 SONY Super HAD CCD II with a Digital Slow Shutter (DSS) and Day/Night mode.
- 540 TV lines; PAL/NTSC image formats support.
- Auto and fast focus increases the searching speed and precision.
- Auto iris adjusts the monitoring image to the best brightness.
- White balance function makes the shades of color more natural in different light conditions.
- Color / B&W images auto switching to enhance the sensitivity in a low light condition or at night.
- 3D Noise Reduction (3DNR) produces clear picture quality even under low light condition and efficiently reduces HDD consumption.
- Support Privacy Zone Masking (PZM) up to 8 zones.
- Excellent position accuracy to ±0.1 degree.
- From super low [0.01°/sec] to high fast [360°/sec] pan/tilt speed.
- Support digital flip.
- 192 preset positions are available.
- 16 cruise tours and each tour contains up to 16 positions.
- 1 pattern with up to 60 second recording space.
- Up to 256 speed domes can be supported on a RS-485 bus when all speed domes are controlled by EverFocus EKB500 keyboard controller.
- Built-in 4 alarm inputs and 1 alarm output.
- Auto heater and fan to fit all kinds of temperature (EPTZ830 only)
- Weatherproof IP66 rated (EPTZ830 only)

Ordering Information:

- EPTZ430-PCGRT:** EPTZ430, Indoor, PAL, Clear Cover, AC24V, LG22X, Manual(EN)
EPTZ830-PCGR: EPTZ830, Outdoor, PAL, Clear Cover, AC24V, LG22x, Manual(EN)
EPTZ830-PCGR: EPTZ830, Outdoor, PAL, Smoked Cover, AC24V, LG22x, Manual(EN)

Dimensions:



(Unit: mm/inch)

Notes:

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* Not all models featured are available in all countries. For accessories and other product information, please visit www.everfocus.com

* Safety precaution: carefully read the operating instructions and installation manual before using this product.

* EverFocus can not be responsible for network performance and/ or other manufacturer products that reside on the network

* Weights and dimensions are approximate.

* These products may be subject to export control regulations

* The above all photographs were taken for the purpose of explanation; actual images may differ.

* This Datasheet is designed and printed in Taiwan.