EPTZ100

Indoor Mini PTZ with Day/Night and 10x Optical Zoom

Engineered with the latest Digital Slow Shutter (DSS) x128 technology, the EPTZ100 can improve CCD sensitivity with 0.005 Lux, producing clear images under very low light conditions. When light level falls, the camera will switch from color to black & white, capturing all the suspicious activities 24/7.

With high pan/tilt speed at up to 240°/second, the EPTZ100 will capture any fast moving objects and all the actions so you don't miss a beat. The EPTZ100 also offer enhanced features such as privacy zone, noise reduction, pattern tours and many more, providing you with state-of-the-art PTZ surveillance.

Plug & latch quick installation

Indoor In-ceiling Mount
Indoor Wall Mount (optional)
Indoor Pendent Mount (optional)
Indoor Ceiling Surface Mount

Support all kinds of mounting application

Compact size only 114mm/4.5" diameter

F EverFocus®

EPTZ100

Indoor Mini PTZ with Day/Night and 10x Optical Zoom

Day/Night	Indoor	Auto Flip	OSD Menu	ES 1/50 (1/60)~ 1/100,000	DNR Yes	BLC Yes	Auto Iris	AWB Yes	AGC Yes	Slow Shutter	Pattern 4 x 10min

Specifications:

CAMERA
Sensor:	1/4" SONY Super HAD CCD
Effective Pixels:	380.000 (NTSC), 440.000 (PAL)
Horizontal Resolution:	520 TVL (color mode)
	570 TVL (b/w mode)
Sensitivity:	0,7lux (F 1.8, 50 IRE - color mode)
	0,02lux (F 1.8, 50 IRE - b/w mode)
	0.005lux (DSS x 128)
Video Output:	Composite 1Vp-p (sync. negative)
S/N Ratio:	Over 50dB
Sync. System:	Internal
Electronic Shutter:	1/60 ~ 1/120.000 NTSC, 1/50~ 1/120.000 PAL,
	Automatic (ESC) or Manual
Digital Slow Shutter (DSS):	Up to 128x
White Balance:	Auto AWC / ATW mode, Manual
Backlight Compensation:	Adjustable 3 steps / OFF
Auto Gain Control:	Adjustable 3 steps / OFF
Flickerless:	ON / OFF
Dynamic Noise Reduction (DNR):	Adjustable 3 steps / OFF
Day/Night Switching:	IRC + b/w switching manual / automatic

LENS
Zoom Ratio:	10x optical autofocus zoom
	(+10x digital zoom, max. 100x)
Focus Length:	F 3.8 (wide) ~ F 38 (tele)mm
Aperture:	F 1.6 (wide) ~ F 2.8 (tele)
Viewing Angle:	51.2° (wide end) to 5.58° (tele end)
Minimum Object Distance:	1.5 meters / 5 feet
Focusing Method:	Auto, one-push AF, manual

COMMUNICATION
Communication:	RS-485 simplex 2 wire
Built-in Protocols:	EverFocus / Pelco-P / Pelco-D , setup by DIP switch
Baud Rate:	2400/4800/9600bps, setup by DIP switch
Speed Dome Address Range:	1 ~ 255, setup by DIP switch

ALARM
Alarm:	3 inputs, 1 output, with tour / position auto triggering

PTZ / FUNCTIONALITY
Horizontal Rotation Range:	360° unlimited rotation
Tilt Rotation Range:	90° with auto flip function
Auto Pan, 2 Points Scanning:	Adjustable speeds, adjustable end stops
Auto Pan Speed:	2, 6, 12, 30, 60, 120°/second
Auto Pan Dwell Time (A-B points):	1,3,5,10,30,45s
Preset Positions:	64
Preset Tours:	1 tour with 16 positions, 4 group tours with 4 positions each
Dwell Time at Preset Position:	1 ~ 255s
Pattern:	4 x 10mins patterns, up to 800 movements/600s each
Running to Position Speed:	Up to 240°/sec.
Manual Pan / Tilt Speed:	0,5° ~ 240°/sec.
Position Accuracy:	0.225°
Alarm:	3 inputs, 1 output, with tour / position auto triggering
Proportional Pan Speed:	Yes
Privacy Zones:	4 zones, free adjustable
Setup:	Multi-line OSD setup menu
Auto-Resume:	After 1, 2, 3, 4, 5 or 10 mins. of no activity
Video Output:	BNC cable socket

POWER
Power Source:	24VAC
Power Consumption:	19W max. (with PTZ motors)
	12W max. (without PTZ motors)

PHYSICAL / ENVIRONMENT
Connectors:	Video output: BNC cable socket
Power/RS485/Alarm:	Connector cable, open cable end
Cable Length:	90cm
Ambient Temperature:	0°C ~ +40°C/ 32°F~104°F
Humidity:	85% max.
Protection Rating:	IP20, for indoor only
Dimensions(HxD):	200 x 114mm / 8" x 4.5"
	(with ceiling mount adapter)
	*See details in dimension drawing
Weight:	1.5kg/3.3lbs (camera module incl. adapter board)
Package Content:	Speed Dome Camera, Connector Board, Concrete Ceiling Mounting Adapter, Recessed Mount Adapter, User Manual, Mounting Accessories

*Check out www.everfocus.com for other available speed domes.

Features:

- Compact size for discreet surveillance 114mm/4.5" diameter
- Plug and latch easy quick installation
- Support ceiling surface mount and recessed ceiling mount (adapter included)
- 100x total zoom (10x optical: 3.8 ~ 38mm and 10x digital autofocus zoom)
- High resolution 520 TVL (color mode), 570 TVL (b/w mode)
- Super low 0.005 Lux with Digital Slow Shutter (DSS x128)
- Day/Night feature with automatic IR cut filter
- 360° endless pan
- Digital noise reduction
- Privacy masking with 4 zones
- RS-485 communication
- Four 10 minutes pattern tour (programmable camera movement)
- 3 alarm input, 1 alarm output relay

Ordering Information:

EPTZ100/P:10x indoor mini speed dome, day/night, clear cover, PAL

EPTZ100/N:10x indoor mini speed dome, day/night, clear cover, NTSC
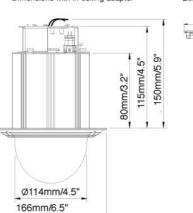
Optional Accessory:

EPTZ100-WLM: Wall mount bracket

EPTZ100-CPM: Ceiling pendent mount bracket

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

Dimensions:

Dimensions with in-ceiling adapter

Dimensions with ceiling mount adapter

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MKE-20090201