



## Description

EPTZ3000, an intelligent high-speed dome camera is ready to secure your property with its omni-directional and exact monitoring. A 30X optical and an 8X digital zoom combining with a high-performance chip makes captured images clear and vivid. All of the functions of EPTZ3000 make the intelligent high-speed dome camera works for a wide dynamic range and demanding application such as banks, airports, stations, casinos, streets of cities, intelligent buildings, and etc.

## Features

### Camera Module:

- 30X Optical Zoom
- Wide Dynamic makes objects clear in a high illumination background.
- Vertical double density interline CCD with a slower shutter and true Day/Night function
- Intelligent flip
- 520 TVL(color )/570 TVL(B&W ); PAL / NTSC image format suppose
- 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.
- Private zone protect your privacy.
- A nimble and exact movement from minimal  $0.1^{\circ}$  /sec to maximal  $360^{\circ}$  /sec.
- 239 preset positions are available.
- 16 cruise tours can be set, and each tour contains up to 16 positions.
- Up to 256 speed domes can be supported on a RS485 bus when all speed domes are controlled by keyboard EKB500.
- Auto heater and fan to fit all kinds of temperature.
- Provide 4 alarm inputs and 1 alarm output.

**Specifications**

Model	EPTZ3000 (Outdoor)	EPTZ3000I (Indoor)
Power Supply	AC 24V	
Power consumption	18W without heater; 70W with heater	18W
Operating temperature	- 40°C ~+60°C	0°C ~+40°C
Image device	1/4", Vertical double density interline CCD	
Zoom ratio	30x Optical (8x Digital zoom, max 240x)	
Lens	30x optical zoom, f=3.3 mm (wide) to 99.0 mm (tele), F1.6 to F3.2	
Viewing angle	H: Appr. 58.0° (wide) to 2.22° (tele end) V: Appr. 44.8° (wide) to 1.68° (tele end)	
Resolution	520 TVL : Color; 570 TVL : B/W	
WDR (Wild Dynamic Range)	52dB	
Minimum illumination	0.3 lux/F1.6 (50 IRE) Color; 0.05 lux/F1.6 (50 IRE) B/W	
Focus	Auto/Manual	
Iris Control	Auto/Manual	
Operating moisture	≤95%	
Communication	RS-485	
Communication speed	1200/2400/4800/9600bps	
Horizontal rotation speed	0.01°/s— 360°/s (1-239 grade shift gears)	
Horizontal rotation range	360° unlimited rotation	
Tilt rotation range	180° pendulum motion	
Auto zoom speed control	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—239 second available	
Preset Positions	239 preset positions	
Running to position speed:	1—239 grade available, 0.01°/s - 360°/s	
Dwell time at preset position	1—60s available	
Tour	16 group	
Tour point per group	16 preset positions per tour	
Fan, Heater (outdoor model)	fan and heater auto starts	
Position Accuracy	±0.1°	
Alarm	4 in 1 out with tour/position auto triggering	
Proportional Pan Speed	Yes	
Built-in menu for functions	Yes	
Built-in Protocols	EVF-1, Pelco-P, Pelco-D, A-type	
Communication	RS485	
Address editable	Yes (through DIP switch)	
Speed Dome Address	0-255	
Manual Pan/tilt speed	Pan: 0.01° ~ 360°/s; Tilt: 0.01° ~ 360°/s	
Video Output	BNC	
Safety	CE, FCC	
Dimension	220(W) x 310(H)mm	
Weight	3.2kg	

**Ordering information**

30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, mirror, NTSC, 120VAC with a 24VAC adapter, **PN: EPTZ3000WM01N1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, mirror, PAL, 220VAC with a 24VAC adapter, **PN: EPTZ3000WM01P1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, clear, NTSC, 120VAC with a 24VAC adapter, **PN: EPTZ3000WC01N1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, clear, PAL, 220VAC with a 24VAC adapter, **PN: EPTZ3000WC01P1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, smoked, NTSC, 120VAC with a 24VAC adapter, **PN: EPTZ3000WB01N1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

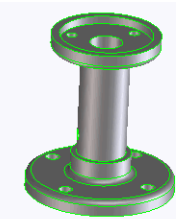
30X speed dome, Wide Dynamic, micro motion, outdoor with heater/fan, smoked, PAL, 220VAC with a 24VAC adapter, **PN: EPTZ3000WB01P1**

Including wall mounting kit, AC adapter, Communication cable, and manual.

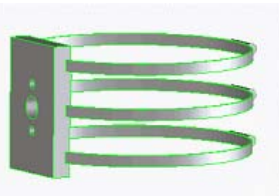
**Optional Accessories**

**Mount**

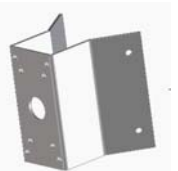
Outdoor Ceiling Pendant Mount Adapter  
**PN: WEPTZCPMA0**



Outdoor Pole Mount Adapter  
**PN: EPTZPMA**



Outdoor Corner Mount Adapter  
**PN: EPTZCMA**



**Bulb**

Clear **PN: SW01CFM003**  
Smoked **PN: SW01CFM004**  
Mirror **PN: SW01CFM005**

**Keyboard**

Multi-function with 3D Joystick keyboard EKB500  
**PN: EKB500-0001 (110V)**  
**EKB500-0002 (220V)**



**DVR**

EDR410/810



EDR1620/1640



**Connection Chart**

