



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°/sec to maximal 360°/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)
Power Supply	AC 24V
Power consumption	18W without heater; 70W with heater
Operating temperature	-40°C~+60°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

Connection Chart

