EPTZ 3600 – ¼" 36x day/night outdoor speed dome camera

EPTZ 3600 I – ¼" 36x day/night indoor speed dome camera

Features

- 36x optical zoom (+12x digital zoom)
- High resolution technology (up to 570 TV lines – b/w mode)
- Automatic exposure control
- Integrated DSS digital slow shutter
- Integrated Wide Dynamic Range
- Flickerless function

- IP66 outdoor model and indoor model available
- Several built-in protocols
- 192 programmable preset positions
- 4 programmable patterns
- 8 freely adjustable privacy zones
- 4 alarm inputs, 2 alarm outputs with tour/position auto triggering

Technical data

	EPTZ 3600	EPTZ 3600 I
Sensor	¼" CCD SONY Exview HAD	
Effective pixels	440.000	
Horizontal resolution	530 TV lines (colour) / 570 TV lines (b/w)	
Sensitivity	1,4 lux (F 1.6, 50 IRE – colour) / 0,1 lux (F 1.6, 50 IRE – b/w)	
Video output	1 Vp-p (sync. negative), BNC	
S/N ratio	Over 50 dB	
Synchronisation system	Internal	
Electronic shutter	1/50 ~ 1/10.000 sec., 7 steps	
DSS digital slow shutter	On / off, 50x max.	
White balance	Auto / indoor / outdoor / one-push / manual	
Back light compensation	On / off	
Gain	Auto	
Exposure control	Automatic	
Flicker cancel	On / off	
WDR Wide Dynamic Range	On / off	
Zoom ratio	36x optical zom (+12x digital zoom, max. 432x)	
Focus length	f=3,4 (wide) ~ 122,4 (tele) mm	
Aperture	F 1.6 (wide) ~ F 4.5 (tele)	
Viewing angle	57,8° (wide end) to 1,7° (tele end)	
Minimum object distance	320 mm (wide end) to 1500 mm (tele end)	
Focusing method	Auto, one-push AF, manual	
Weatherproof rating	IP 66	No weatherproof rating
Power source	24 V AC	
Power consumption	14 W max.	
Fan	Thermostat-controlled	
Ambient temperature	-40°C ~ +40°C	
Humidity	~ 90%	
Dimensions (diameter x H)	210 x 250 mm (incl. sunshield)	160 x 220 mm
Weight	5,2 kg (incl. sunshield)	3,0 kg

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Functions

Communication	RS-485
Built-in protocols	Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250 / Panasonic
Communication speed	1200 / 2400 / 4800 / 9600 bps
Address editable through DIP switch	Yes
Speed dome address range	1 ~ 255
Horizontal rotation speed	0,1° / sec. ~ 360° / sec.
Horizontal rotation range	360° unlimited rotation
Tilt rotation range	180° pendulum motion with electronic auto flip
Day/night switching	Manual / automatic / by external contact (via alarm in)
Auto zoom speed control	Auto adjustment of PT control speed according to zoom speed position
Autopan, 2 points scanning	Adjustable speeds, adjustable end stops
Autopan speed	1 ~ 255 steps
Dwell time (2 points)	1 ~ 99 sec.
Preset positions	192
Running to position speed	Up to 360° / sec.
Pattern	4x, 1 minute max. each
Auto resume	After inactivity 0,5 ~ 60 min. or after power-up
Auto resume actions	Home position, tour 1, pattern 1, autopan, previous mode
Manual pan speed	0,1° ~ 120° / sec.
Manual tilt speed	0,1 ~ 60° / sec.
Dwell time at preset position	1 ~ 60 sec.
Tours	16
Presets per tour	16 preset positions
Position accuracy	+/- 0,1°
Alarm	4 inputs, 2 outputs, with tour/position auto triggering
Proportional pan speed	yes
Privacy zones	8, freely adjustable, 10 colours / mosaic
Built-in menu for functions	Yes, multiline OSD

Speed dome control devices

EKB 500 – multi-function keyboard

Technical data

Keys	48
Joystick	3D PTZ function control
Jog/shuttle	DVR control
Display	LCD 2 lines with 20 characters each
Baud rate	1.200 ~38.400
Serial interfaces	RS-232 (service) / 2 x RS-485
Protocols	Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250
Devices	Control of speed dome, DVR and EQ 2700 motorzoom camera
Cascading	Up to 8 keyboards addressable
Wiring box	Yes
Power source	12 V DC, via included power supply 230 V AC
Power consumption	10 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	360 x 110 x 200 mm
Weight	1,5 kg

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ECS 7710 T / ECS 7710 C – 10,4" TFT touchscreen control panel with DVR / PTZ control

Technical data

	ECS 7710 T	ECS 7710 C
Display size	10,4" (211 x 158 mm)	
Display resolution	VGA 640 x 480, 65.536 colours	
Controller hardware	32-bis RISC-CPU, 133 MHz, 8 MB	
Interfaces	2 x USB, 1 x RS-232, 2 x RS-485	
Video input	4 x BNC FBAS, 75 Ohm terminated	
Casing	Aluminium / steel	
Power input	12 V DC / 24 V DC, 650 mA typical, 1,1 A max.	
Operating temperature	0°C ~ +50°C	
Dimensions (WxHxD)	302 x 217 x 73 mm	361 x 297 x 69 mm, cutout 299,5 x 227,5 mm
Weight	3,0 kg	3,2 kg
Mounting	Desktop version, standard VESA mount 75/100mm	Built-in version, cutout 299,5 x 227,5 mm
Accessories	Stand base BA DW 140 Brackets BA DW 151 / 170 / 171	ECS HCS 10 – sleeve for dry wall or in-wall mounting

Ordering information

EPTZ 3600	¼" 36x day/night outdoor speed dome camera, 530/570 TV lines, 36x optical and 12x digital zoom, IP66, 24 VAC
EPTZ 3600 – B1	**Set**: EPTZ 3600 day/night outdoor speed dome camera incl. connector box EPTZ PBOX and wall mount bracket EPTZ WMB
EPTZ 3600 I	¼" 36x day/night indoor speed dome camera, 530/570 TV lines, 36x optical and 12x digital zoom, 24 VAC
EPTZ 3600 I – B1	**Set**: EPTZ 3600 I day/night indoor speed dome camera incl. indoor power supply AP24A302E1 and wall mount bracket EPTZ WMB
EKB 500	Multi-function keyboard for speed dome and DVRs, with 3-axis joystick and jog/shuttle, 12 V DC (230 VAC power supply included)
ECS 7710 T	10,4" TFT touchscreen control panel with DVR/PTZ control, desktop version with standard VESA mount 75/100 mm, 12/24 V DC (230 V AC power supply included)
ECS 7710 C	10,4" TFT touchscreen control panel with DVR/PTZ control, built-in version, 12/24 V DC (230 VAC power supply included)
EPTZ PBOX	Connector box with power supply for speed dome, vandal-proof metal housing, dual power input 100~120 / 220~230 V AC, power output 24 V AC
EPTZ PB-A	Mounting adaptor for pole mount with EPTZ PMA (optional) or corner mount with EPTZ CMA (optional)
EPTZ PB-P12	Converter for EPTZ PBOX 110/230 V AC to 12 V DC / 500 mA
EPTZ CMA	Corner mount adaptor, stainless steel, H: 170mm, W (mounting plate): 115 mm, W (side plate): 80 mm
EPTZ CPMA	Ceiling pendent mount adaptor, powder-coated steel, L (tube): 340mm, Ø (tube): 32mm, Ø (ceiling adaptor): 108mm
EPTZ PMA	Pole mount adaptor, stainless steel, Ø pole: 90 ~ 155mm, dimensions (WxHxD) 166x205x47mm
EPTZ WMB	Wall mount bracket, powder-coated diecast aluminium, L: 270mm
EPTZ ICMB	Embedded ceiling mount adaptor kit, steel, dimensions (Ø x H): 220 x 130 mm
AP24A302E1	Indoor power supply for speed dome, input voltage: 230 V AC, output voltage: 24 V AC

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