



Powerful Solutions

# EagleEyes CCTV

## SECURITY SOLUTIONS AND TECHNOLOGIES

### Sistema Integrado de Pant/Tilt/Zoom Anti-Explosão



O Sistema Integrado de Pan Tilt Zoom Anti-Explosão da EagleEyes são desenvolvidos e produzidos em aço inox 316L/304 ou alumínio alloy de acordo com o padrão Internacional anti-explosão Exd II CT6 IECEx Atex. O Sistema de aço inox 316L pode ser utilizado em ambientes que contenham gases explosivos e corrosivos, tais como: Mathano, hydrogeno, óleo, gasolina, salitre, etc. Possui ainda câmera zoom integrada SONY de 18X, 26X ou 36X e limpador frontal; e é construído em bloco de aço com espessura variando de 8 à 22mm, para proteções:

- A PROVA DE EXPLOSÃO
- A PROVA DE BALA (Revolver)
- ANTI-VANDALISMO
- A PROVA D'ÁGUA IP67 / NEMA-4X

O Sistema Integrado de PTZ anti-explosão da EagleEyes possibilita rotação contínua de 360° para PAN e TILT, função exclusiva para monitorar qualquer ângulo de visão. Quatro modelos disponíveis, incluindo iluminadores infravermelho asseguram a aplicação correta para qualquer tipo de projeto que necessite de proteção anti-explosão.

#### Modelos de Sistemas Integrados AntiExplosão



EE-PTZXX-XXX-W



EE-PTZXX-XXX-WB



EE-PTZXX-XXX-WB1



EE-PTZXX-XXX-WIR



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### Sistema Integrado de Pant/Tilt/Zoom Anti-Explosão

#### FEATURES:

- OSD password protection
- Water wiper guarantee clear view in heavy rain
- Privacy Zone Masking
- Optional auto tracking & motion detection
- Unique motor calibration: Manual or Auto
- Easy-to-use DIP switch setup window
- Built-in 18X, 26X or 36X SONY Zoom Camera
- Built-in temperature display & control
- On-Screen-Display programming menu
- On-Screen-Display inside temperature
- On-Screen-Display pan/tilt/zoom position
- User definable temperature alert
- User definable 8 preset tours
- User definable preset frozen
- User definable 128 target presets and PTZ learn pattern
- User definable auto-scan with 1~40 degree/s speed selectable
- User definable power-up action
- User definable left and right pan limitation
- RS-485 Half duplex, RS-422 Full duplex optional
- Protocols Integrated: PelcoD and PelcoP
- Surge protection & nonvolatile memory
- IP67/NEMA-4X/CE/FCC/MA/RoHS compliance
- Support winds up to 200Kmh
- Explosion-proof compliance, IECex and ATEX rated Exd II CT6

#### SPECIFICATION

##### General specification:

- Thickness of stainless steel or aluminum body: 8mm ~ 22mm
- Thickness of flat optics window toughened glass: 5mm
- Continues working temperature : -20°C -- +50°C
- Storage temperature: -40°C -- +60°C
- Dimension: 375x212mm or 320x220mm
- Weight: 18.5KG

##### Electric specification :

- Input voltage: AC 24V Input power: 50VA

##### Pan/Tilt specification

- Pan/tilt speed: Pan 0.1°~120°/s Tilt: 0.1°~100°/s
- Preset speed: Pan 120°/s Tilt : 100°/s
- Preset accuracy: +/-0.1° (manual or auto calibration available)
- Scan: Automatic preset tour
- Auto scan: 1°-40°/s
- Pan rotation: 360° continues
- Tilt rotation: 360°continues
- Preset: 8 preset tours with dwell time 1~99seconds.

##### Options:

- EE-PTZXX-ALR-W (Aluminio Alloy, Limpador, 18/26/36X)
- EE-PTZXX-304R-W (Aço Inox 304, Limpador, 18/26/36X)
- EE-PTZXX-316R-W (Aço Inox 316L, Limpador, 18/26/36X)
- Bracket: EE-SP-PT-B1 (no transformer)
- Bracket: EE-SP-PT-B2 (with transformer 24VAC/60VA)
- Keyboard controller: EE-KBD-E/ EE-KBD-T

#### Accessories



Bracket with power

Wall Mount

Bracket without power

Wall Mount

Pole Mount

Connection Housing



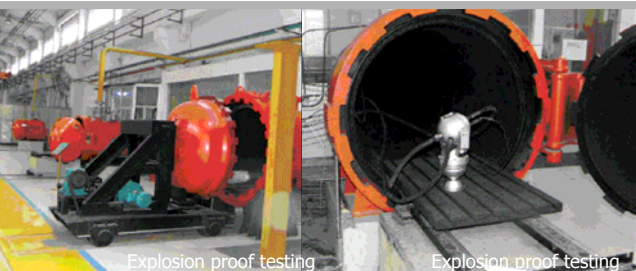
## SECURITY SOLUTIONS AND TECHNOLOGIES

### Sistema Integrado de Pant/Tilt/Zoom Anti-Explosão

Technical Specification Integrated SONY Zoom module

Model number	EE-PTZ18-XXX-W (18X Day/Night)		EE-PTZ26-XXX-W (26X Day/Night)		EE-PTZ36-XXX-W (36X Day/Night)	
Signal system	NTSC	PAL	NTSC	PAL	NTSC	PAL
Camera Module	SONY	SONY	SONY	SONY	SONY	SONY
Picture elements	~380K (768X494)	~440K (752X582)	~380K	~440K	~380K	~440K
Horizontal resolution	480TVL		480TVL		540TVL	
Image sensor	1/4 type IT CCD (EX view HAD)		1/4 type EXview HAD CCD		1/4 type EXview HAD CCD	
Optical Zoom	18X		26X		36X	
Digital Zoom	12X		12X		12X	
Lens	F=4.1mm~73.8mm, F=1.4~3.0		f=3.5mm~91mm, F=1.6~3.8		f=3.4mm~122.4mm F=1.6~4.5	
Angle of view	54.2°(W) to 2.2°(T)		54.2°(W) to 2.2°(T)		57.8°(W) to 1.7°(T)	
synchronization	Internal/External(V-lock)		Internal/External(V-lock)		Internal/External(V-lock)	
Min. illumination	Color B/W	0.02Lux/1/4sec	0.02Lux/1/3sec	0.02Lux/1/4sec	0.02Lux/1/4sec	0.02Lux/1/4sec
		0.004Lux (DSS On)	0.004Lux (DSS On)	0.004Lux (DSS On)	0.004Lux (DSS)	0.003Lux (DSS)
S/N Ratio	>50dB		>50dB		>50dB	
BLC	ON/OFF		ON/OFF		ON/OFF	
Shutter speed	1/1 to 1/10000sec	1/1 to 1/10000sec	1/4 to 1/10000sec	1/3 to 1/10000sec	1/4 to 1/10000sec	1/3 to 1/10000sec
Shutter	Auto/Manual		Auto/Manual		Auto/Manual	
White balance	Auto/Manual		Auto/Manual		Auto/Manual	
Gain Ctrl	Auto/Manual		Auto/Manual		Auto/Manual	
Video Output	VBS:1Vp-p (sync negative), Y/C		VBS:1Vp-p (sync negative), Y/C		VBS:1Vp-p (sync negative), Y/C	
Iris & Focus Ctrl	Auto/Manual		Auto/Manual		Auto/Manual	
Wide Dynamic Range	No		No		Yes	

Explosion-Proof Testing, Certificates and Marking



#### Standards :

IEC60079-0:2004 - Electrical apparatus for explosive gas atmospheres – Part 0: General requirements  
 IEC60079-1:2003 - Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosure “d”  
 GB3836.1-2000 - Electrical apparatus for explosive gas atmospheres – Part 0: General requirements  
 GB3836.2-2000 - Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosure “d”  
 Q/LDX001-2007- Enterprise standards for electrical apparatus for explosive gas atmospheres  
 EN50014 ff - Electrical apparatus for explosive gas atmospheres (Europe Union)

#### Marking: Exd II CT6

(C15888, C15889, C15890) Exd II CT6.  
 Approved by CNEEx/CQST Class I Division 1, Groups B, C, and D.  
 Certified by EC-TYPE EXAMINATION, KEMA 04ATEX2045X, II 2G EExd II CT6, II2D T180 degree centigrade.

#### CERTIFICATE OF ACCEPTANCE- IECEx Testing Laboratory :

