

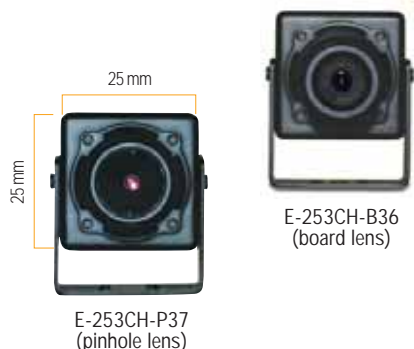
# CCTV

Mini-Catálogo



## E-253CH-P37/B36

Mini Câmara a Cores de Alta Resolução



MODEL	E-253CH-P37	E-253CH-B36
<b>Lens</b>	3.7 mm Super Cone Pinhole	3.6 mm Board Lens
<b>Sensor</b>	1/3" Sharp CCD	
<b>Pixel Format (H x V)</b>	752 (H) x 582 (V)	
<b>Resolution</b>	480 Horiz TVL	
<b>S/N Ratio</b>	Greater than 50 dB (AGC off)	
<b>Min. Illumination</b>	0.8 lux (F2.0)	
<b>Video Output</b>	1Vp-p 75 ohm Composite Video (PAL)	
<b>Voltage &amp; Current</b>	12 VDC; 80 mA (±3V)	
<b>Operating Temp.</b>	-10° C ~ +50° C	
<b>Weight</b>	70 g	
<b>Dimensions (mm)</b>	25 x 25 x 20.5	

## E-21CHQX-B36

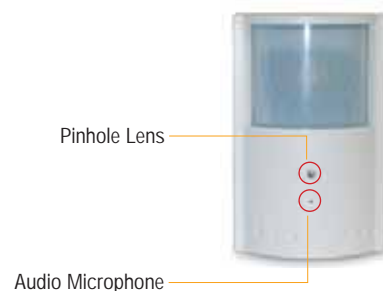
Dia/Noite Bullet Câmaras



MODEL	E-21CHQX	E-21CHQX-B36
<b>Lens</b>	3.7 mm (F2.0) Super Cone Pinhole Lens	3.6 mm (F2.0) Board Mount Lens
<b>Sensor</b>	1/3" Sony Colour SS-HQ1	1/3" Sony Colour SS-HQ1
<b>Lens Angle</b>	67°	67°
<b>Resolution</b>	520 TVL	520 TVL
<b>Min. Illumination</b>	0.1 lux (F2.0)	0.1 lux (F2.0)
<b>Day/Night Switch Over At</b>	2 Lux	2 Lux
<b>IR Sensitivity</b>	850-880 nm (Both models)	
<b>S/N ratio</b>	50 dB (AGC off)	50 dB (AGC off)
<b>Voltage &amp; Current</b>	9 ~ 15 VDC; 130 mA	9 ~ 15 VDC; 130 mA
<b>Operating Temp</b>	-10° C ~ +50° C	-10° C ~ +50° C
<b>Weight</b>	150 g	255 g
<b>Dimensions (mm)</b>	21 (Diam.) x 65 (L)	21 (Diam.) x 71 (L)

## E-802 / E-826

PIR Câmara



MODEL	E-802	E-826
<b>Lens</b>	3.7 mm (F2.0) Pinhole	3.7 mm (F2.0) Pinhole
<b>Sensor</b>	1/3" (Black & White)	1/4" Sony (Colour)
<b>Viewing Angle</b>	65°	51°
<b>Resolution</b>	380 TVL	350 TVL
<b>Min. Illumination</b>	0.25 lux (F2.0)	1 lux (F2.0)
<b>S/N Ratio</b>	48 dB	48 dB
<b>PIR Sensor Range</b>	110° @ 12 m	110° @ 12 m
<b>Relay Contact Output</b>	N.C/N.O 30 VDC @ 5 A	N.C/N.O 30 VDC @ 5 A
<b>Voltage &amp; Current</b>	12 VDC; 150 mA	12 VDC; 150 mA
<b>Audio Microphone</b>	Yes	Yes
<b>Dimensions (mm)</b>	110 (L) x 70 (W) x 49 (D)	110 (L) x 70 (W) x 49 (D)

## E-HEAD-CAM

Mini Câmaras Tipo Pinhole com Cabeças de Substituição



MODEL	E-HEAD-CAM
<b>Lens</b>	4.3 mm Pinhole Lens (F2.0)
<b>Sensor</b>	1/4" Sony CCD Sensor
<b>Resolution</b>	480 TVL
<b>S/N Ratio</b>	48dB
<b>Illumination</b>	0.8 Lux (F2.0)
<b>Audio Microphone</b>	60 dbm sensitivity
<b>Video Output</b>	1V p-p 75ohm
<b>Audio Output</b>	2Vp-p 10KHz
<b>Voltage &amp; Current</b>	5VDC 250 mA
<b>Compatible DVR's</b>	E-M5DVR, E-M6DVR, E-M8DVR
<b>Dimensions (mm)</b>	29 (W) x 25 (H) x 19 (T)
<b>Weight</b>	30g

## E-902

Dome a Cores de Média Resolução



MODEL	E-902
<b>Lens</b>	3.5 ~ 8 mm Auto Iris Vari-focal Lens
<b>Sensor</b>	1/3" Colour Sony CCD
<b>Resolution</b>	420 TVL
<b>Min. Illumination</b>	1 lux
<b>S/N Ratio</b>	48 dB (AGC off)
<b>Voltage &amp; Current</b>	8-16 VDC 120 mA (12 VDC recommended for best operation)
<b>Operating Temp</b>	-20° C ~ +70° C
<b>Dimensions (mm)</b>	83 (L) x 110 (Diam.)

## E-905

Dome a Cores de Alta Resolução Câmara com Lente Auto Iris Vari-Focal



MODEL	E-905
<b>Sensor</b>	1/3" Sony Hyper-HAD CCD
<b>Resolution (Horizontal)</b>	530TVL (Color) 570TVL (B/W)
<b>S/N Ratio</b>	> 50dB (AGC off)
<b>Min Illumination</b>	0.3 Lux (F1.2) 0.002 lux (Slow Shutter Mode)
<b>Iris</b>	Electronic or AI
<b>Lens</b>	4-9mm Auto Iris Vari-Focal
<b>White Balance</b>	ATW, AWC, Manual (1800-10°500degK)
<b>Back Light Compensation</b>	Low, Middle, High, Off (Selectable)
<b>Privacy Zone</b>	On/Off (4-Zone)
<b>Mirror</b>	On/Off
<b>MRBF</b>	80'000 hours
<b>Operating Temp</b>	-10 to 50° C
<b>Power</b>	12VDC
<b>Power Consumption</b>	100mA (max)
<b>Dimensions (Glass)(mm)</b>	120 (diam) x 100 (H)

## E-90CSHRX

Câmara Dome Anti-Vandalismo, Dia/Noite Infra-Vermelho com Lente Auto-Iris Vari-Focal



MODEL	E-90CSHRX
Lens	4 ~ 9 mm vari-focal DC Auto Iris (F1.6 ~ 360)
Sensor	1/3" Sony Ex-View CCD
Resolution	480 TVL
Backlight Compensation	Automatic (On/Off Selectable)
Auto Gain Control	Automatic (On/Off Selectable)
Auto White Balance	Automatic (2500 ~ 9500K)
S/N Ratio	> 48 dB
Infra-Red LEDs	21 (850 nm ± 5~8 Metres)
Day/Switch Over	2 Lux
Voltage & Current	10.5 ~ 14 VDC; 150 mA
Weight	225 g
Dimensions (mm)	127 (Diam.) x 105 (L)

## E-536

Câmara Infra-Vermelho á prova de água 3~5 mt Distância



MODEL	E-536
Lens	3.6 mm (F2.0) Board
Sensor	1/4" Colour Sony CCD
Resolution	350 TVL
IR Illumination	24x IR LEDs (850 nm; ± 3-5 m range, 4 m typically)
S/N Ratio	48 dB (AGC off)
Voltage & Current	12 VDC; 100 mA (350 mA with IR on)
Operating Temp	-10° to +50°C
IP Rating	IP65
Dimensions (mm)	54 (Diam.) x 82 (L)

## E-VULCAN-803

Câmara Dia/Noite com Projector Duplo de Infra-Vermelho



MODEL	E-VULCAN-803
Sensor	1/4" Sony Hyper HAD CCD
Horiz Resolution	480TVL
Video Output	PAL 1Vp-p 75ohm
Lens	30x Optical (3.3~99mm)
Aperture	F1.6 (3.3mm) F3.2 (99mm)
Minimum Focus Distance	10cm
Focus	Auto or Manual
Day/Night Filter	Mechanical
Slow Shutter	Yes (Off or upto x128)
IR Illuminator	Dual IR Lamps (LED, 850nm, 30°)
IR Range	30m Max (25m effective)
Control Interface	RS485 (Pelco D Control)
Voltage & Current	12VDC
Integrated Fan & Heater	Yes
Weatherproof Rating	IP65
Dimensions (mm)	272 x 22 x 357
Weight	3.2Kg

## E-93KR11-H

Câmara de Alta Resolução, Montagem CS, Baixa intensidade de luz



MODEL	E-93KR11-H
Sensor	1/3" Colour Matsushita CCD
Resolution (Standard)	380TVL Horizontal (470 with DSP enhancement)
Resolution (Hi-Res)	480 TVL Horizontal (520 with DSP enhancement)
White Balance Mode	ATW/AWC Switchable (Zero colour rolling)
White Balance Range	3200 - 10000°K
Min. Illumination	0.2 lux (F1.0); 0.4 lux (F1.4); 0.6 lux (F1.6)
S/N Ratio	60 dB (typ.) 52 dB (min.) (AGC off)
Electronic Shutter	1/50-1/120,000 sec
Iris Type	Automatic Electronic Shutter (AES) Direct Drive or Video Drive Auto Iris (DC)
Power	95-250VAC
Operating Temp.	-20° C ~ +55° C
Weight	360 g
Dimensions (mm)	50 (W) x 64.5 (H) x 116 (L)

## E-93V5H

Câmara Cores Inversora "Peak-White"



5 ~ 50 mm Lens - Night



MODEL	E-93V5H
Sensor	1/3" Colour CCD
Pixel Format	795 (H) X 596 (V)
Resolution	470 TVL 580 TVL (With DSP Enhance)
Min. Illum. (Std. Operation)	0.8 Lux @ F1.2
(Starlight Mode)	0.008 Lux @ F1.2
IR Compatible	No (E-13V5H is)
Gain Control	AGC On/Off (0 ~ 18 dB)
White Balance Mode	ATW / AWC / FIX (Zero colour rolling)
S/N Ratio	52 dB (Min.), 60 dB (Typ with AGC OFF)
Auto Iris	A.E.S. / Video Drive / DC Drive
Automatic Shutter Mode	1/50 ~ 1/100,000 sec. (PAL)
Video Output	1.0 V p-p composite video at 75 ohm
RS-232C Interface	Mini-Din Connector
Operating Temp.	-20° C ~ +50° C
Power	95-250VAC
Dimensions (mm)	50.5 (W) X 50.5 (H) X 115 (L)

## E-ULTRA-4000B

Câmara Cores, Montagem CS, "Wide Dynamic"



Bright Background



MODEL	E-ULTRA-4000B
Sensor	1/3" PIXIM CMOS Sensor
Resolution	540 TV Lines
Min. Illumination	0.8 Lux (F1.4) 0.1 Lux (slow shutter mode)
S/N Ratio	52 dB or Greater
Dynamic Range	101 dB (typ) 120 dB (max)
Auto Iris	Video or DC Iris
Slow Shutter Mode	Yes
B/W Fixed Mode	Yes
On-Screen-Display Menu	5-Button Control
White Balance	Auto-Tracing, Manual or Preset
Dynamic Range	95 dB
Video Output	Composite Video 1 Vp-p 75 Ohm (NTSC/PAL switchable)
Voltage & Current	12 VDC; 300 mA
Operating Temp	-10 ~ +65 °C
Dimensions (mm)	67 (W) x 62 (H) x 134 (L)

\* Individual Pixel Sampling

## E-93S80H

Câmara Dia/Noite, Montagem CS



MODEL	E-93580H
Sensor	1/3" Colour CCD
Resolution	520TVL
Min. Illumination	0.015 Lux @ F1.2
IR Compatible	Yes
IR-CUT Filter	Mechanical
White Balance	ATW / AWC / FIX @ 3200 ~ 10000 °K
S/N Ratio	Super Digital Noise Reduction SNR UP 4.5dB
Auto Iris	A.E.S. / Video Drive / DC Drive
Video Output	1.0 V p-p composite video at 75 ohm
Operating Temp	-20° C ~ +50° C
Power	95-250VAC
Dimensions (mm)	50.5 (w) X 55.4 (h) X 115 (l)

## E-13VG2812AS-II

Lente Asférica Auto-Iris 2.8 ~ 12mm



MODEL	E-13VG2812AS-II	
Format	1/3" CS Mount	
Focal Length	2.8 ~ 12 mm	
Iris Range	F1.4 - 360	
Viewing Angle	- Wide	97.4°
	- Tele	24.1°
Video/DC Iris	DC	
Dimensions (mm)	40 (Diam) x 53 (L)	

## E-13VG308AS

Lente Asférica Auto-Iris 3 ~ 8mm



MODEL	E-13VG308AS	
Format	1/3" CS Mount	
Focal Length	3 ~ 8 mm	
Iris Range	F1.0 - 360	
Viewing Angle	- Wide	91°
	- Tele	36°
Video/DC Iris	DC	
Operating Temp.	-20° C ~ +60° C	
Weight	38.4 g	
Dimensions (mm)	33 (W) x 47 (H)	

## E-13VG550-II

Aspherical 5 ~ 50 mm Auto-Iris Lens



MODEL	E-13VG550-II	
Format	1/3" CS Mount	
Focal Length	5 ~ 50 mm	
Iris Range	F1.4 - 360	
Viewing Angle	- Wide	53.5°
	- Tele	5.6°
Video/DC Iris	DC	
Dimensions (mm)	40 (Diam) x 59.2 (L)	

## E-IR SERIES

Projectores de LED Infra-Vermelho



25°, 15 Metre Max Range



30°, 40 Metre Max Range

MODEL	E-IR-21-25-880	E-IR100-40-850
Viewing Angle	25°	30°
Illumination Range	15 Metres (max)	40 Metres (max)
Wavelength	880 nm	850 nm
Input Voltage Range	12 VDC	12 VDC
Power Consumption	200 mA	1200 mA
Indoor or Outdoor	Outdoor	Outdoor
Weight	150 g	900 g
Dimensions (mm)	75 x 35 x 30	149 x 99 x 35

## E-HEK

Caixas de Câmara Alumínio/Plástico Alta qualidade



Sunshield

E-WBOV  
Wall mount bracket  
(not included)

\* Excluding bracket

FEATURES	
Plastic polymer front and back parts	
IP66 Weatherproof rating	
Polycarbonate window with scratch-resistant treatment	
Weatherproof Rating	IP66 with E-WBJ bracket, IP65 with E-WBOV
Internal Dimensions (mm)	82 (W) x 62 (H) x 260 (L)
External Dimensions (mm)	125 (W) x 117 (H) x 403 (L)

## E-WBOV

Suporte de parede p/ Caixa E-HEK  
- Cablagem Interna



## E-WBJ

Suporte de Parede p/ Caixa E-HEK  
- Cablagem Externa



## E-WBM4

Suporte de Tecto p/ Caixa E-HEK



## E-PTCC

Adaptador de Mastro para Suporte de Parede



## E-SD18X-IN

Speed Dome Interior



MODEL	E-SD18X-IN
Lens	18x Optical (4.1 – 73 mm)
Sensor	1/4" Sony CCD Camera Module
Resolution	480 TVL
S/N Ratio	50 dB
Focus	Auto or Manual
Min. Illumination	0.7 Lux
Day/Night Switching	-
Day/Night Method	-
Video Output	1 V p-p 75 ohm
Pan Speed	0 – 300°/sec
Pan Angle	360°
Tilt Speed	0 – 120°/sec
Tilt Angle	90°(180° with auto flip)
Communication Interface	RS485 (2400 – 19200 Bps Supported)
Comms Protocols Supported	Factory Default, Pelco D, Pelco P, Samsung, Panasonic, Ultrak, Lilin, Kalatel, VCL, Molynx, Vicon
Presets	128
Alarm Inputs	4 ( calls presets # 29, 30, 31, 32)
Voltage & Current	24 VAC; 1.5 A
Weight	2 Kg
Fan & Heater	No
Operating Temp	-10° C ~ 50° C

## E-SD26X-OUT

Speed Dome Dia/Noite Exterior



MODEL	E-SD26X-OUT
Lens	26x Optical (3.5 – 91 mm)
Aperture	F1.6 – 3.8
Sensor	1/4" Sony ExView Day/Night CCD Camera Module
Resolution	480 TVL
S/N Ratio	50 dB
Focus	Auto or Manual
Min. Illumination	(B/M mode) 0.01 Lux
Day/Night Switching	B/W @ 10 Lux
Day/Night Method	Mechanical IR-Cut Filter
Video Output	1 V p-p 75 ohm
Pan Speed	0 – 300°/sec
Pan Angle	360°
Tilt Speed	0 – 120°/sec
Tilt Angle	90°(180° with auto flip)
Communication Interface	RS485 (2400 – 19200 Bps Supported)
Comms Protocols Supported	Factory Default, Pelco D, Pelco P, Samsung, Panasonic, Ultrak, Lilin, Kalatel, VCL, Molynx, Vicon
Presets	128
Alarm Inputs	4 ( calls presets # 29, 30, 31, 32)
Voltage & Current	24 VAC; 1.5 A
Weight	4 Kg
Fan & Heater	Yes
Operating Temp	-10° C ~ 50° C

## E-ULISSE-26X-230VAC-W

Câmara PTZ Dia/Noite IP66



A câmara E-ULISSE é ideal para locais com ventos muito fortes (até 160km/hora), poluídos ou com muito pó (minas, vigilância costeira, cadeias, defesa militar e vigilância de tráfego) porque está equipada com limpa vidros (depósito com capacidade de 25Litros água), lente de 3.5 – 91 mm, zoom óptico 26X, Digital 312x podendo vigiar até 4Km de distância dependendo da sua fixação e estabilidade, com movimento rotativo de 360°graus contínuos e movimento horizontal de -90°graus até +40°graus permite vigiar grandes áreas.

MODEL	E-ULISSE-26X-230VAC-W
Lens	26x Sony Day/Night Module
Wiper	Integrated Wiper
Sensor	1/4" Sony CCD
Resolution	480TVL
Day/Night Switching	Mechanical IR Filter
IR Illumination	Optional
Video Output	PAL 1Vp-p
Pan Speed	0.1° - 100°/s
Pan Angle	Continuous rotation
Tilt Speed	0.1° - 40°/s
Tilt Angle	-90° to +40°
Communication Interface	RS485 integrated PTZ Driver
Protocols Supported	Pelco D and many others
Presets	Yes
Weatherproof Rating	IP66
Power	230VAC Operation
Max. Power Consumption	150W
Operating Temp.	-20° C / +50° C
Weight	17kg

## E-DCJ

Teclado e Joystick para controlo de Câmaras PTZ/Speed-Dome

Back-lit LCD Display



3-Axis Joystick

MODEL	E-DCJ
Joystick	3-Axis joystick (Pan/Tilt/Zoom)
Telemetry Lines	2x Independent RS485 comms lines (2 x RJ-11)
Telemetry Line Max Distance	1200 Metres
Matrix Line	1 x RS485 (RJ-11)
User Access	3 different password levels
Devices	Up to 999 PTZ drivers / Speed Domes
Supported PTZ Cameras	E-DTRX3, E-PTZ-DRV, E-SD Series, E-HAMMER-HEAD-II
Keyboard Setup	Via 20x4 back-lit display
Power (PSU included)	12 VDC @ 1 A (2.1 mm DC socket)
Dimensions (mm)	298 x 107 x 210

## E-M6DVR

Micro Gravador de Vídeo com Detecção de Movimento e Vibração



MODEL	E-M6-DVR
Video Input	1 x Composite Video (PAL or NTSC)
Video Recording Image Format	640 x 544
Video Recording Speed	15 ~ 18fps (motion dependent)
Video Compression	MPEG-4
Storage Type	SD slot
Recording Time (Continuous)	+/-120 mins (2GB SD)
Audio Input	1 x Audio Input
Audio Recording Format	44100Hz (mono)
Audio/Video Output	Yes
LCD Display	2.4" TFT LCD
PC Interface	USB 2.0
Camera Output	12VDC @ 250mA or 5VDC @ 500mA
Camera Output Connector	3.5mm 3-Way (12VDC), 2.5mm 3-Way (5VDC)
Battery	3.7VDC 2A Li-Ion
External Power (Charge)	5VDC
Weight	100g
Dimensions	95 x 55 x 25mm

## E-CCTV-TEST-56

Monitor de Testes Avançado para CCTV



MODEL	E-CCTV-TEST-56
Video Monitor	5.6" Color TFT (960x234)
Video Input	Composite Video 1V p-p
Video Format	NTSC or PAL
Video Termination	On/Off Selectable
VGA Connection	for VGA input (640x480)
RF Connection	F connector for RF input (TV signal)
Video Level Meter	Yes (On-Screen Overlay)
Pattern Generator	Yes (Through Video Output)
Video Connections	Video (RCA), VGA (D-SUB 15)
RS485 Interface	1 for PTZ Camera Control (Screw Terminal)
Battery	Integrated Li-On 2200mAh Rechargeable Battery (4h max)
Power Output	12VDC (for camera power)
External Power Input	12VDC (for charging or normal operation)
Weight	1Kg
Dimensions (mm)	185 (W) x 120 (H) x 50 (D)

## E-17W01

Monitor de Video LCD 17"

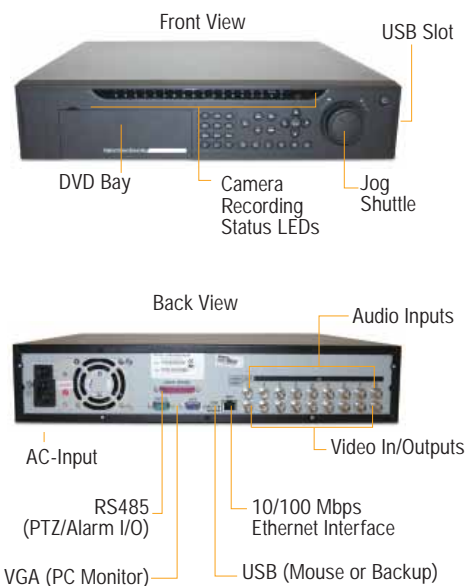


MODEL	E-17W01
LCD Display Panel	17" TFT LCD
Resolution	500 TVL (1280x1024 SXGA mode)
LCD Display Colour	16.7 M colours
Pixel Pitch	0.264 (H) x 0.264(V) mm
Viewing Angle	140° / 130°
Contrast Ratio	500:1
Brightness	300 cd/m2
Back Light	50 000 Hr Min Life Span
Response Time tr/ta	4ms
Video	NTSC/PAL - BNC
VGA	Speaker x 1 (RCA in/out)
Power	12VDC / 4.0 A
Mounting	VESA Standard
Dimensions (mm)	408 (W) x 398 (H) x 175 (D)

## E-DVR-1604 / E-DVR-804HB

Gravador de Video/Audio Digital Alta Resolução 8 e 16 Canais

MPEG-4 Audio Motion RS485



MODEL	E-DVR-1604	E-DVR-804HB
Video Channels	16 x composite video inputs, 75 Ohm 1 Vp-p (BNC)	8 x composite video inputs, 75 Ohm 1 Vp-p (BNC)
Video Standard	NTSC or PAL	NTSC or PAL
Video Monitoring Speed	25 fps per channel	25 fps per channel
Video Recording Speed	25 fps per channel (D1 - 720x576) or 400 fps (CIF - 352x288) or 6fps (01 - 720 x 576)	25 fps per channel (adj. btw 1 - 25 fps) 200 fps total
Video Compression	MPEG-4 / H.264	MPEG-4 / H.264
Image Quality	6 levels	6 levels
Monitor Outputs	1 x video output (BNC) or 1 x PC monitor (VGA)	1 x video output (BNC) or 1 x PC monitor (VGA)
Audio Channels	16 x audio in (BNC)	16 x audio in (BNC)
OS	Embedded Linux RTOS	Embedded Linux RTOS
Alarm Inputs	16 x alarms (+5 to +15 VDC)	8 x alarms (+5 to +15 VDC)
Alarm Outputs	6 x relays (30 VDC 1A)	3 x relays (30 VDC 1A)
HDD Storage	6 x 3.5" HDD, 1 x 5.25" (4 x IDE ports)	6 x 3.5" HDD, 1 x 5.25" (4 x IDE ports)
Network	10/100 Mbps Ethernet (RJ45)	10/100 Mbps ethernet (RJ45)
PTZ Control	1 x RS485	1 x RS485
Remote Terminal/Keyboard	1 x RS232	1 x RS232
Power	115 ~ 230 VAC (40 W)	115 ~ 230 VAC (40 W)
Rack Mountable	Yes (2U)	Yes (2U)
Dimension (mm)	441 (W) x 460 (L) x 89 (H)	441 (W) x 460 (L) x 89 (H)

## EAGLE-DVR

Placa de Gravação de Vídeo Digital



## SPECIFICATIONS

MODEL	E-EAGLE-DVR-1/2/4	E-EAGLE-DVR-II-4/8/16
Number of Channels	1, 2 or 4 (model dependent)	4, 8 or 16 (model dependent)
Hardware	25fps PCI Card with BNC connectors	100fps PCIe Card with BNC cable connectors
Max Number of PCI Cards Per PC	4 (Max 16 channels per PC)	2 x 4ch (8ch Realtime) or 2 x 8ch (16Ch half Realtime)
Software	User friendly "Drag & Drop" software	
Image formats	384 x 288, 768 x 288, 768 x 576	
Horiz. Recording Resolution (384 x 288)	250 TVL	
Horiz. Recording Resolution (768 x 288)	320 TVL	
Horiz. Recording Resolution (768 x 576)	520 TVL	
Dynamic Frame Rate Recording	Yes (fps allocated to 'motion' cameras)	
Audio Recording	Single Channel Audio Recording via Sound Card Line-in	
Recording Activation	Advanced motion detection with adjustable sensitivity, masks and deactivation delay	
Notification	Email with image for system events (system or camera failure, motion, etc)	
Multi-Camera playback	Yes (Upto 16 Simultaneously)	
Archiving	Automatic backup feature with network support	
Playback Search	Time/date or Enhanced "smart motion search" with thumbnails	
Post Record Picture enhancement	Digital Zoom, Sharpness & Brightness	
Advanced Remote Connectivity via TCP/IP	Playback & Live Monitoring	
Watermarking	Encrypted Digital Signature	
Audit log	Audit log of user actions and events Actions	



## E-NVRS

Software IP de Gravação de Vídeo e Audio Digital



O sistema de vídeo IP permite a distribuição de câmaras numa rede existente ou numa futura rede TCP/IP.

Para que sejam gravadas as imagens e o som via IP é necessário e recomendado a instalação de software específico no PC. O software E-NVRS tem a capacidade de gravar vídeo e som, vindas de diferentes origens (câmaras IP ou DVR's IP) desde que estejam ligados na mesma rede. O E-NVRS transforma o PC num sofisticado Sistema de Circuito Fechado de TV (CCTV).

Este Software E-NVRS está disponível nas versões de 4,8,16,32 e 64 canais

## FEATURES

- Pentaplex Operation
- Dual Display Support
- Audio Recording
- PTZ Camera Control
- Activity Log
- Multi-Screen display & playback
- 64 images on one monitor
- Advanced programming
- Intelligent motion detection
- Multi-zone masking
- 25fps (camera dependant)
- 720 x 576 MJPEG and MPEG-4
- Alarm & Schedule Recording
- People Counting
- Missing/Foreign Object Detection & Search
- Time/Date & Motion Search
- AVI & JPG Export
- Web Browser Support
- Multi-level user management
- System health monitoring
- E-mail, sms & voice notifications

## E-IP6122

Câmara IP Dia/Noite com montagem de Lentes tipo CS

MJPEG MPEG-4 Audio

Montagem de Lentes tipo CS



Possibilidade de Ligação para Lentes Auto Iris

MODEL	E-IP6122
Sensor	1/3" 480 TVL, Sony Interlaced CCD
Max. Resolution	704 x 576
Max. Frame Rate	12 fps @ 704 x 576, 25 fps @ 352 x 288
Lens	C/CS Auto Iris or Manual Iris Lenses
Min. Illumination	0.5 Lux (F2.0)
Compression	MJPEG OR MPEG4
Motion Detection	3 Zone Motion Detect
Video Output	1 x Video Loop Through
Audio	Bi-Directional with Audio Output
Microphone	Yes
Alarm Input	1 x Alarm In
Alarm Output	1 x Relay Out
Compatible Housing	E-E-HOV32K2, E-HEG or E-HPV42K2A016
Protocols	TCP/IP, HTTP, SMTP, FTP, DDNS, UPnP, Telnet, NTP, DNS and DHCP
Camera Power	12 VDC @ 1.5 A
Dimensions (mm)	140 (L) x 70 (W) x 55 (H)

## E-IPV7100

D1 IP Video Server de 1 canal

MJPEG MPEG-4 RS485 POE Audio



MODEL	E-IPV7101
Video Input	1 x BNC Composite Video (PAL or NTSC selectable)
Compression	MPEG-4 or MJPEG (software selectable)
Resolution	176x144, 352x288, 704x576
Frame Rate	Upto 25fps at 704x576
Protocols	TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE
Ethernet	10/100Mbps (RJ45)
Alarm Input	1 (Screw Terminal)
Alarm Output	1 (Screw Terminal)
Audio Input	1 (RCA)
Audio Output	1 (RCA)
Serial Port	1 x RS485
PTZ Supported Devices	Sony VISCA, Pelco-D, Ernitec, LiLin, Samsung, DynaDome, SmartDome, Canon VC-C3/C4
Power	12VDC (2.1mm DC socket) - PSU included
POE Support	Yes (802.3af compliant)
Dimensions (mm)	137.7 x 78.35 x 33.85

## E-IP7138

Colour 1.3 Megapixel IP Camera

MJPEG MPEG-4 POE Audio



MODEL	E-IP7138
Sensor	1/4" 1.3 Megapixel CMOS
Lens	CS Mount Manual Iris
Min Illumination	15 Lux (F2.0) for full frame rate operation
Compression	MPEG-4 & MJPEG
Resolution	320x240, 640x480, 1280 x 1024
Frame Rate	30fps @ 320x240/640x480, 7.5fps @ 800x600/1280x1024
Protocols	TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPoE
Ethernet	10/100Mbps (RJ45)
Alarm Input	1 x Alarm in
Audio Input	1 x Relay Out
Audio Microphone	Integrated
Motion Detection	3 Zone Motion Detection
POE Support	Yes
Power	12VDC
SDK Available	Yes
Dimensions	126 (L) x 96 (W) x 47 (H)

## POWER SUPPLIES

Transformadores estabilizados  
12Volt's DC

Recomenda-se a utilização dos nossos transformadores estabilizados para imagens estáveis e de qualidade



E-RPS12V1000  
12 VDC; 1A



E-PW816R  
12 VDC; 8 A

## E-COAXDC-PROTECT

Para Vídeo



- Compacto
- De Elevadas Performances
- Baixas Perdas de Sinal de Vídeo
- De Simples Instalação

SPECIFICATIONS	CO-AX	POWER
Max Continuous Voltage	5VDC	12VDC
Max voltage protection (1-2 / 50µs)	>10kV	>6kV
Max current protection (8 / 20µs)	>10kA	>10kV
Typical clamping voltage @ 10A (10/1000 msec)	<13V	Line to line 13V (38V)
Response Time	<2nS	<5nS
Protection modes	Common & differential	Common
Compliance	IEEE 472 (Ansi C39 - 90a) & IEC 1312-3 LPZ1	

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