



### EDC-4362

Article-No.: 74224

1/4" Dome, PTZ, Day&Night, clear, 36x, 3.4-122.4mm, WDR, BLC, 540TVL, 24VAC

#### Mainfeatures

High resolution colour/b&w (ExView CCD)
Auto calibration (0.1°-6°)
Removable IR cut filter (ICR)
Pattern, tour and autopan function
Digital image stabilization (DIS)

Wide dynamic range (WDR)
36x optical and 12x digital zoom (432 total)
High and low speed shutter control (MES/ESC/DSS)
240 presets
Video analysis: Motion trace, counting, enter, etc

#### **Specifications**

Series	eneo Fastrax IV
Video standard	CCIR/PAL
System	day&night
Sensor size	1/4"
Imager	CCD
Imager	Sony ExView HAD Interline Transfer
Synchronization	Internal/AC line lock, phase adjustment via remote control
Signal-to-noise ratio	50dB
Sensitivity (at 50% video signal)	0,3 Lux
Sensitivity (at 50% video signal)	(colour), 0.1Lux (B&W) at F1.2 (measured)
Exposure modes	Automatic or manual mode, Iris priority, Shutter priority
Horizontal resolution	540 TVL
Automatic gain control (AGC)	ON/OFF switchable
Shutter modes	High and Low Speed shutter
Manual electronic shutter (MES)	1/50 ~ 1/10.000sec.
Shutter speed (AES/MES)	Automatic/manual: 1/3 ~ 1/10,000sec. (PAL)
Low speed shutter	yes

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# Specifications (continued)

Low and abother	2 F0 foo
Low speed shutter	2 ~ 50 fps.
Digital Noise Reduction (DNR)	no 180° rotation
Mirror function	
White balance	modes: manually, automatic, indoor, outdoor, ATW, AWC
Backlight compensation	BLC
Backlight compensation	center weighted (ON/OFF switchable)
Wide Dynamic Range (WDR)	yes
Wide Dynamic Range (WDR)	ON/OFF switchable
Aperture Correction (APC)	horizontal and vertical
IR cut filter	switchable
Speed (manual control)	380 °/Sek.
Speed range at manual control (pan)	0.1° ~ 380°/sec. (Proportional to zoom)
Speed range at manual control (tilt)	0.1° ~ 90°/sec. (Proportional to the zoom position)
Preset speed	380 °/Sek.
Rotation range	360°
Tilt range	180° (Digital Flip)
Preset positioning	240 presets with with camera status (12-character title display)
Freeze function	The image will be frozen during calling preset
Backlash	0.2°
Patterns	8 patterns up to 500sec.
Tours	Up to 8 programmable guard tours, consisting of 42 presets
	each and up to 12 character title display
Autoscan	16 User programmable auto scans with 13 selectable speeds
	and 12 character title display
Proportional pan and tilt	Continually decreases pan and tilt speeds in proportion to
	depth of zoom
Auto flip function	Rotates dome 180° at bottom of tilt travel
Programmable park position	Included
Auto calibration	yes
Privacy zones masking	8 zones masking with block or video OFF option
Zones	16 each with programmable 12 character label
Video outputs	composite (CVBS)
Video outputs	1Vp-p (C)VBS, 75ohms, BNC
Lens type	zoom
Lens	F1.6 ~ F75/3.4 ~ 122.4mm (36x optical, 12x digital zoom)
Focal length	3,4 mm - 122,4 mm
Horizontal angle of view	57,8° - 1,7°
Digital zoom	12x
Aperture range (F)	F1.6~F4.5
Focus control	Automatic with manual override
Iris control	DC
lris control	auto iris
lris control	Manual override
MOD (Minimum object distance)	1,0 m
Alarm inputs	8, selectable between NO and NC
Alarm outputs	4
Alarm processing	Programmable alarm action with selectable priority levels
Illumination	no
IIIGH III IGUOT	110



## Specifications (continued)

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Analysis Functions trip wire, motion tracking, enter, left luggage recognition, removal (object disappearing or removing), activity detection Menu languages Germa, English, French, Italian, Polish, Portugese, Spanish, Russian, Korean, Japanese, Chinese OSD function control 4:3716-9 compression, Zoom (4:3 format only), BIB (Video A/B or Y/C) Text display 12 character labels Via 10 no. Day / Night Switching Via 10 no. Day/ Night Switching Automatic/Day/Night External adjustments Menu, ID, Baud rate, Termination and protocol type switches Operation protection Password protected Backup Anon-volatile back box memory stores all camera and site specific dome settings Adresses Up to 999 Dome ID's (3999 by software setting) Keyboard control Direct mode control with Ense EDC-KBD(M), KBD-2, KBD -NSC-100 keyboard series, or in conjunction with the eneo DVR series DLR, DTR and DPR Remote control Camera remote settings via keyboard Serial interfaces Serial interfaces 9600Baud (default), 99 camera ID adresses selectable Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS 422 Vicon, Ernitec, Bosch, Dynacolor Temperature range (operation) 0°C + 450°C Temperature range (operation) 0°C + 450°C Temperature range (operation) 0°C + 450°C Supply voltage 18-30WAC, 50/60Hz Supply voltage 14-WAC Supply voltage 14-WAC Supply voltage 18-30WAC, 50/60Hz Power consumption 20W Vandalism resistant 0 Bubble 4-9 (125mm), clear acrylic plastic Colour (bubble) clear Mounting indoor Housing indoor Housing material plastic Colour (housing) black Mounting indoor		
Menu languages         German, English, French, Italian, Polish, Portugese, Spanish, Russian, Korean, Japanese, Chinese           OSD function control         4:376-9 compression, Zoom (4:3 format only), BIB (Video A/B or Y/C)           Text display         12 character labels           Camera ID         Via ID no.           Day / Night Switching         Automatic/Day/Night           External adjushments         Menu, ID, Baud rate, Termination and protocol type switches           Operation protection         Password protected           Backup         Non-volatile back box memory stores all camera and site specific dome settings           Keyboard control         Direct mode control with Eneo EDC-KBD(M), KBD-2, KBD           Keyboard control         Direct mode control with Eneo EDC-KBD(M), KBD-2, KBD           Keyboard control         Camera remote settings via keyboard           Remote control         Camera remote settings via keyboard           Remote control         Camera remote settings via keyboard           Serial interfaces         9600Baud (efault), 99 camera ID adresses selectable           Serial interfaces         9600Baud (efault), 99 camera ID adresses selectable           Featsial interfaces protocols         Fastrax IIE, Pelco D, Pelco P, Coawitron, Sensormatic RS           422 Vicon, Ernitec, Bosch, Dynacolor         O°C - +50°C           Supply voltage         (18 - 30VAC), 5		
Menu languages         German, English, French, Italian, Polish, Portugese, Spanish, Russian, Korean, Japanese, Chinese           OSD function control         4:3716.9 compression, Zoom (4:3 format only), BIB (Video A/B or Y/C)           Text display         12 character labels           Camera ID         Val ID no.           Day / Night Switching         Automatic/Day/Night           External adjustments         Menu, ID, Baud rate, Termination and protocol type switches           Operation protection         Password protected           Backup         Non-volatile back box memory stores all camera and sile specific dome settings           Adresses         Up to 999 Dome ID's (3999 by software setting)           Adresses         Up to 999 Dome ID's (3999 by software setting)           Keyboard control         Direct mode control with Enne EDCKBD(M), KBD-2, KBD -NSC-100 keyboard series, or in conjunction with the eneo DVR series DILR, DTR and DPR           Remote control         Camera remote settings via keyboard           Serial interfaces         RS-485, RS-422           Serial interfaces         9600Baud (default), 99 camera ID adresses selectable           Serial interfaces protocols         Fastax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS           4222, Vicon, Ernitiec, Bosch, Dynacolor           Temperature range (operation)         0°C -+50°C           Heater         no	Analysis i unctions	
Russian, Korean, Japanese, Chinese  OSD function control  4:3716-9 compression, Zoom (4:3 format only), BIB (Video A/B or Y/C)  Text display  12 character labels  Via ID no.  Day / Night Switching  Automatic/Day/Night  External adjustments  Menu, ID, Baud rate, Termination and protocol type switches  Operation protection  Backup  Adresses  Operation protection  Backup  Adresses  Up to 999 Dome ID's (3999 by software setting)  Up to 999 Dome ID's (3999 by software setting)  Direct mode control with Eneo EDC-KBD(M), KBD-2, KBD  -NSC-100 keyboard series, or in conjunction with the eneo  DVR series DLR, DTR and DPR  Remote control  Camera remote settings via keyboard  Serial interfaces  RS-485, RS-422  Serial interfaces  Serial interfaces  Serial interfaces  Fastrax IE, Pelco D, Pelco P, Coaxitron, Sensormatic RS  -422, Vicon, Emitee, Bosch, Dynacolor  Temperature range (operation)  Protection rating  no  Colour (bubble)  4.9° (125mm), clear acrylic plastic  Celear  Housing  indoor  Housing  indoor  Housing  indoor  Housing  indoor  Colour (housing)  black  Dimensions (HxWXD)  see drawing  Weight  1.25kg	Menu languages	
OSD function control         4:3/16-9 compression, Zoom (4:3 format only), BIB (Video AVB or Y/C)           Text display         12 character labels           Camera ID         Via ID no.           Day / Night Switching         Automatic/Day/Night           External adjustments         Menu, ID, Baud rate, Termination and protocol type switches           Operation protection         Password protected           Backup         Non-votatile back box memory stores all camera and site specific dome settings           Adresses         Up to 999 Dome ID's (3999 by software setting)           Keyboard control         Direct mode control with Ence EDC-KBD(M), KBD-2, KBD - NSC-100 keyboard series, or in conjunction with the eneo DVR series DLR, DTR and DPR           Remote control         Camera remote settlings via keyboard           Serial interfaces         RS-485, RS-422           Serial interfaces         9600Baut (default), 99 camera ID adresses selectable           Serial interfaces protocols         Fastrax IE, Pelco D, Pelco P, Coaxitron, Sensormatic RS           4-22, Vicon, Ernitice, Bosch, Dynacolor           Temperature range (operation)         0°C - +50°C           Heater         no           Protection rating         n/a           Supply voltage         24VAC           Supply voltage         1,30VAC), 50/60Hz           Power consumption </td <td>Mond languages</td> <td></td>	Mond languages	
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Camera ID     Via ID no.       Day / Night Switching     Automatic/Day/Night       External adjustments     Menu, ID, Baud rate, Termination and protocol type switches       Operation protection     Password protected       Backup     Non-volatile back box memory stores all camera and site specific dome settings       Adresses     Up to 999 Dome ID's (3999 by software setting)       Keyboard control     Direct mode control with Eneo EDC-KBD(M), KBD-2, KBD - NSC-100 keyboard series, or in conjunction with the eneo DVR series DLR, DTR and DPR       Remote control     Camera remote settings via keyboard       Serial interfaces     RS-485, RS-422       Serial interfaces protocols     Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS - 422, Vicon, Ernitec, Bosch, Dynacolor       Temperature range (operation)     0°C - 450°C       Heater     no       Protection rating     n/a       Supply voltage     24VAC       Supply voltage     1(18 - 30VAC), 50/60Hz       Power consumption     20W       Vandalism resistant     no       Bubble     4,9° (125mm), clear acrylic plastic       Colour (bubble)     clear       Mounting     celling mount, housing assy       Housing material     plastic       Direct flowing     plastic       Direct mode control with Eneo EDC-KBD(M), KBD-2     RBD       Legan	Text display	
External adjustments         Menu, ID, Baud rate, Termination and protocol type switches           Operation protection         Password protected           Backup         Non-volatile back box memory stores all camera and site specific dome settlings           Adresses         Up to 999 Dome ID's (3999 by software setting)           Keyboard control         Direct mode control with Ence EDC-KBD(M), KBD-2, KBD -NSC-100 keyboard series, or in conjunction with the ence DVR series DLR, DTR and DPR           Remote control         Camera remote settings via keyboard           Serial interfaces         RS-485, RS-422           Serial interfaces         RS-485, RS-422           Serial interfaces protocols         Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS -422, Vicon, Ernitec, Bosch, Dynacolor           Temperature range (operation)         0°C -+50°C           Heater         no           Protection rating         n/a           Supply voltage         244VAC           Supply voltage         (18 ~ 30VAC), 50/60Hz           Supply voltage         4.9 (125mm), clear acrylic plastic           Colour (bubble)         clear           Mounting         ceiling mount, housing assy           Housing         indoor           Housing         jastic           Colour (housing)         black           Dimensio		Via ID no.
External adjustments         Menu, ID, Baud rate, Termination and protocol type switches           Operation protection         Password protected           Backup         Non-volatile back box memory stores all camera and site specific dome settlings           Adresses         Up to 999 Dome ID's (3999 by software setting)           Keyboard control         Direct mode control with Ence EDC-KBD(M), KBD-2, KBD -NSC-100 keyboard series, or in conjunction with the ence DVR series DLR, DTR and DPR           Remote control         Camera remote settings via keyboard           Serial interfaces         RS-485, RS-422           Serial interfaces         RS-485, RS-422           Serial interfaces protocols         Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS-422, Vicon, Ernitec, Bosch, Dynacolor           Temperature range (operation)         0°C-+50°C           Heater         no           Protection rating         n/a           Supply voltage         24VAC           Supply voltage         24VAC           Supply voltage         (18 ~ 30VAC), 50/60Hz           Supply voltage         4.9 (125mm), clear acrylic plastic           Colour (bubble)         clear           Mounting         celling mount, housing assy           Housing         indoor           Housing material         plastic           Col	Day / Night Switching	Automatic/Day/Night
Operation protection       Password protected         Backup       Non-volatile back box memory stores all camera and site -specific dome settings         Adresses       Up to 999 Dome ID's (3999 by software setting)         Keyboard control       Direct mode control with Eneo EDC-KBD(M), KBD-2, KBD -NSC-100 keyboard series, or in conjunction with the eneo DVR series DLR, DTR and DPR         Remote control       Camera remote settings via keyboard         Serial interfaces       RS-485, RS-422         Serial interfaces       9600Baud (default), 99 camera ID adresses selectable         Serial interfaces protocols       Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS -422, Vicon, Ernitec, Bosch, Dynacolor         Temperature range (operation)       0°C - +50°C         Heater       no         Protection rating       n/a         Supply voltage       24VAC         Supply voltage       24VAC         Supply voltage       20W         Power consumption       20W         Vandalism resistant       no         Bubble       4.9" (125mm), clear acrylic plastic         Colour (bubble)       clear         Mounting       ceiling mount, housing assy         Housing material       plastic         Colour (housing)       black         Dimensions (HxWxD)       see		
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Remote control Camera remote settings via keyboard Serial interfaces RS-485, RS-422 Serial interfaces 9600Baud (default), 99 camera ID adresses selectable Serial interfaces 9600Baud (default), 99 camera ID adresses selectable Serial interfaces 9600Baud (default), 99 camera ID adresses selectable Serial interfaces protocols Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS-422, Vicon, Ernitec, Bosch, Dynacolor Temperature range (operation) 0°C ~ +50°C Heater no no Protection rating n/a Supply voltage 24VAC Supply voltage (18 ~ 30VAC), 50/60Hz Power consumption 20W Vandalism resistant no Bubble 4,9° (125mm), clear acrylic plastic Colour (bubble) clear Mounting indoor Housing indoor Housing indoor Housing material plastic Colour (housing) black Dimensions (HxWxD) see drawing Weight 1,25kg	Adresses	Up to 999 Dome ID's (3999 by software setting)
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Remote control     Camera remote settings via keyboard       Serial interfaces     RS-485, RS-422       Serial interfaces     9600Baud (default), 99 camera ID adresses selectable       Serial interfaces protocols     Fastrax IIE, Pelco D, Pelco P, Coaxitron, Sensormatic RS-422, Vicon, Ernitec, Bosch, Dynacolor       Temperature range (operation)     0°C ~ +50°C       Heater     no       Protection rating     n/a       Supply voltage     24VAC       Supply voltage     (18 ~ 30VAC), 50/60Hz       Power consumption     20W       Vandalism resistant     no       Bubble     4 9" (125mm), clear acrylic plastic       Colour (bubble)     clear       Mounting     celling mount, housing assy       Housing material     plastic       Colour (housing)     black       Dimensions (HxWxD)     see drawing       Weight     1.25kg	·	
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Heater         no           Protection rating         n/a           Supply voltage         24VAC           Supply voltage         (18 ~ 30VAC), 50/60Hz           Power consumption         20W           Vandalism resistant         no           Bubble         4.9" (125mm), clear acrylic plastic           Colour (bubble)         clear           Mounting         ceiling mount, housing assy           Housing         indoor           Housing material         plastic           Colour (housing)         black           Dimensions (HxWxD)         see drawing           Weight         1.25kg		
Protection ratingn/aSupply voltage24VACSupply voltage(18 ~ 30VAC), 50/60HzPower consumption20WVandalism resistantnoBubble4.9" (125mm), clear acrylic plasticColour (bubble)clearMountingcelling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Temperature range (operation)	0°C ~ +50°C
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Supply voltage(18 ~ 30VAC), 50/60HzPower consumption20WVandalism resistantnoBubble4.9" (125mm), clear acrylic plasticColour (bubble)clearMountingceiling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Protection rating	n/a
Power consumption20WVandalism resistantnoBubble4.9" (125mm), clear acrylic plasticColour (bubble)clearMountingceiling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Supply voltage	24VAC
Vandalism resistantnoBubble4.9" (125mm), clear acrylic plasticColour (bubble)clearMountingcelling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Supply voltage	(18 ~ 30VAC), 50/60Hz
Bubble4.9" (125mm), clear acrylic plasticColour (bubble)clearMountingceiling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Power consumption	20W
Colour (bubble)clearMountingceiling mount, housing assyHousingindoorHousing materialplasticColour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Vandalism resistant	
Mounting         ceiling mount, housing assy           Housing         indoor           Housing material         plastic           Colour (housing)         black           Dimensions (HxWxD)         see drawing           Weight         1.25kg	Bubble	4.9" (125mm), clear acrylic plastic
Housing indoor Housing material plastic Colour (housing) black Dimensions (HxWxD) see drawing Weight 1.25kg	Colour (bubble)	clear
Housing material plastic Colour (housing) black Dimensions (HxWxD) see drawing Weight 1.25kg	Mounting	ceiling mount, housing assy
Colour (housing)blackDimensions (HxWxD)see drawingWeight1.25kg	Housing	indoor
Dimensions (HxWxD) see drawing Weight 1.25kg	Housing material	plastic
Weight 1.25kg	Colour (housing)	black
Y	Dimensions (HxWxD)	see drawing
Parts supplied Clear bubble	Weight	1.25kg
	Parts supplied	Clear bubble
Certificates CE	Certificates	CE
Special feature Auto calibration	Special feature	Auto calibration



# **Optional Accessories**

Image	Artikel-Nr. / Typ	Description
	EDC-OPC-2/24V	Pendant Mount Outdoor Dome Housing, Sun Shield, Clear Bubble 6.5", 24VAC
	EDC-OPS-2/24V	Pendant Mount Outdoor Dome Housing with Sunshield, Tinted Bubble 6.5", 24VAC
	EDC-IPS-2/24V	Pendant Mount Indoor Dome Housing with Tinted Bubble 6.5", 24VAC
	EDC-IPC-2/24V	Pendant Mount Indoor Dome Housing with Clear Bubble 6.5", 24VAC
	NE-132/AC24V	Power Supply Unit 230VAC/24VAC (1.0A)
	NE-128	Voltage supply unit 230V/24VAC-5A, IP66
2	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC



## Optional Accessories (continued)

nage	Artikel-Nr. / Typ	Description
	EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol
	KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
	KBD-NSC-100	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
	EDC-PBP	Protocol Converter BiPhase to RS-422, RS-485 for EDC Dome Cameras, 12VDC
	EDC-CR1	Converter RS-232/RS-485, Repeater RS-485
Section of the sectio	FASTRAX_CONFIG	Configuration Software for Eneo Fastrax, Minitrax Dome Cameras and VKC-1416
	EDC-IDFSW	Flush Mount Dome Housing, White Trimring Smoked Bubble 6.8"



### **Optional Accessories (continued)**

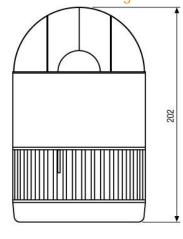
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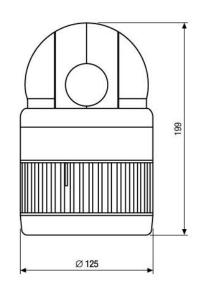
EDC-AKS2

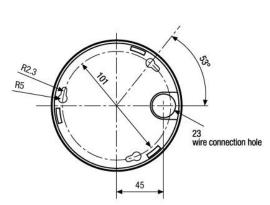


Power&Connection Box with Connection Cable 3.5m, In/Outdoor, 230V-24VAC/3.0A

#### **Technical Drawing**







Maße/Dimensions: mm

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