

EDMC-3221/E

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EDMC-3221/E

1/4" Dome, PTZ, Day&Night, clear, 22x, WDR,

580TVL, 12VDC/24VAC, IP66, IK10

Art-Nr. 74230



Main Features

Vandal resistant PTZ day&night mini dome camera

With large temperature range (-30 to +50°C)

Panning angle: 360° continuous rotation

Horizontal speed range: 380°/sec. max.

120 presets / 4 auto scan courses / Autopan

4 tours with 4 presets each / Home position

On-screen menu control and camera ID display

Removable IR cut filter

High and low speed shutter (MES/DSS)

Powerful digital noise reduction (3D/2D DNR)

RS-485 Control Interface

Supply voltage: 12VDC or 24VAC

Specifications

Series	eneo Minitrax
System	day&night
Video standard	CCIR/PAL
Sensor size	1/4"
Imager	CCD, Sony ExView HAD Interline Transfer
Horizontal resolution	580 TVL
Synchronization	internal, AC line lock
Gamma correction	0.45
Sensitivity (at 50% video signal)	0,33 Lux, (colour); 0.17Lux (B&W) at F1.2 (measured)
Exposure modes	automatic, shutter priority, manual
Automatic electronic shutter (ESC)	1/50 ~ 1/100,000sec.
Manual electronic shutter (MES)	1/50 ~ 1/100,000sec.
Low speed shutter	yes, 2 ~ 50 fps.

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(Continuation Specifications)

Digital Noise Reduction (DNR)	yes, 2D & 3D
Backlight compensation	BLC, ON/OFF switchable
Wide Dynamic Range (WDR)	yes, 50dB
White balance	manual, automatic, indoor, outdoor
Aperture Correction (APC)	horizontal, vertical
Flickerless function	yes
IR cut filter	switchable
Day/Night switching	automatic and manual
Privacy zones masking	4 zones masking with block or video OFF option
Menu languages	German, English, French, Italian, Spanish, Polish, Portugese
Text display	12 character labels, ON/OFF switchable
Activity detection	yes
Motion detector	in preset mode only
Mirror function	180° rotation
Digital zoom	16x
Analysis Functions	no
Lens type	zoom
Zoom factor	22x
Focal length	3,9 mm - 85,8 mm
Horizontal angle of view	49,5° - 2,4°
MOD (Minimum object distance)	1,0 m
Aperture range (F)	F1.6 (3.7) ~F140
Iris control	DC
External adjustments	ID, Baud rate, termination, protocol type
Video outputs	composite (CVBS), 1Vp-p (C)VBS, 75ohms, BNC
Alarm inputs	1
Alarm outputs	1
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° ~200°/sec. (Proportional to zoom)
Preset speed	380 °/Sek.
Rotation range	360°
Tilt range	180° (Digital Flip)
Patterns	4 patterns up to 200sec. total
Tours	up to 4 user programmable guard tours
Autoscan	4 User programmable auto scans, 1x Autopan
Proportional pan and tilt	continually decreases pan and tilt speeds in proportion to depth of zoom
Auto flip function	rotates dome camera's picture by 180° at bottom of tilt travel (Digital Flip)
Home Position	included (with multiple park actions)

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(Continuation Specifications)

Auto calibration	yes
Presets	120 presets with 12-character labels each, individual camera position
Illumination	no
External connections	video (BNC), voltage input, RS-485, alarm input NO/NC, alarm output TTL
Serial interfaces	RS-485
Serial interfaces protocols	Fastrax IIE, Pelco D, Pelco P
Housing material	aluminium
Bubble	4.3" (110mm), Acryl/clear
Colour (bubble)	clear
Colour (housing)	Pantone Cool Gray 1C
Blower	yes
Mounting	ceiling mount, optional wall mounting accessorie
Supply voltage	12VDC, 24VAC, (+/-10%)
Power consumption	approx. 60W
Temperature range (operation)	-30°C ~+50°C
Vandalism resistant	yes
Protection rating	IP66
Dimensions (HxWxD)	see drawing
Weight	2.3kg
Parts supplied	dome camera, plug set, manual
Certificates	CE, IK10
Special features	extended temperature range -30°C - +50°C, based on installed heater and blower kit, 24VAC operation only

Optional accessories

74088	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
70449	NE-128	Voltage supply unit 230V/24VAC-5A, IP66
74127	EDC-WMB1	Wall Mount for EDC(H) Dome Cameras with Mounting Kit

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