VKC-1375/12-24

VKC-1375/12-24
1/3˝Camera, Day&Night, WDR, DSS, EHLC,

Video Analytics, 650TVL, 12VDC/24VAC

Art-Nr. 92566

Lens is not included

Main Features

1/3˝Sony Super HAD II PS 960H interline transfer

Sensitivity of 0.1lux at F1.2 (colour/AGC high)

Wide dynamic range (WDR) up to x512 (54dB)

Intelligent backlight compensation (BLC)

Excessive highlight compensation (EHLC)

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

256x digital zoom and digital PTZ support

On-screen display (OSD)

Video analysis: motion trace / face trace, etc.

Privacy masking/mirror function/motion detection

External day&night selection / RS-485 interface

Supply Voltage: 12VDC or 24VAC

Specifications

System	Day&Night
Video standard	CCIR/PAL
Sensor size	1/3˝
Imager	CCD, Sony Super HAD II PS 960H Interline Transfer
Active picture elements	570,000, 976(H) x 582(V)
Horizontal resolution	650 TVL
Synchronization	Internal/AC line lock
Signal-to-noise ratio	50dB (AGC OFF)
Gamma correction	0.45
Sensitivity (at 50% video signal)	0,1 Lux, (coulor), 0.03Lux (B&W) at F1.2 (measured)
Automatic gain control (AGC)	OFF/LOW/MID/HIGH selectable
Exposure modes	Automatic, Manual shutter, Flickerless, Low Light control, Offset add
Automatic electronic shutter (ESC)	1/50 ~1/100,000sec.

(Continuation Spezifications)

Manual electronic shutter (MES)	1/50 ~1/10.000sec.
Low Speed Shutter	yes
Low speed shutter	32fps max. ON/OFF switchable
Digital Noise Reduction (DNR)	yes, 2D & 3D, Gain adjust, DNR Demo
Backlight compensation	BLC, EHLC (Excessive High Light Compensation), Automatic, Spot, Zone, BLM (Backlight Masking)
Wide Dynamic Range (WDR)	yes, 54dB
White balance	Automatic, Push&Hold, Indoor, Outdoor, FL (Fluorescent light), User set
Blemish compensation	Automatic blemish detection and compensation (for up to 64 pixels). Detected pixel display
Aperture Correction (APC)	Horizontal and vertical
Flickerless function	On/Off switchable
IR cut filter	switchable
Day/Night switching	By external contact closure
Privacy zones masking	up to 15 zones (Tilt, Color, Transparency, Mosaic)
OSD function control	H/V flip (Mirror picture), Rotation, Positive/Negative, Freeze, Sharpness correction, Frame control (Use for saving storage): Automatic, OFF~7sec., System Lock, Password protection
Camera ID	Via ID no. (alpha numeric 001~255)
Motion detector	4 zones, ON/OFF switchable
Mirror function	On/Off switchable
Digital Zoom	2x ~256 (Zoom), D-PTZ Support
Analysis Functions	Activity detection (compatible with digital PTZ support), Motion tracking, Face detection, Virtual fence (mine area), Removal (object disappearing or removing), Cross object counting, People counter, Scene change (tamper detection)
Lens mount	CS
Iris control	Manual iris, Auto-Iris/DC controlled
Illumination	no
External adjustments	Flange focus, 4 menu cursor buttons
Video outputs	Composite (CVBS), 1Vp-p, (C)VBS, 75ohms, BNC
External connections	video (BNC), auto iris/DC iris (4-pin), voltage input, RS-485, alarm output TTL, open collector, external day&night switching
Serial interfaces	RS-485
Camera mount	1/4˝- 20 UNC thread on top and bottom
Supply voltage	12VDC, 24VAC, (+/-10%)
Power consumption	3.6watts
Housing	Indoor
Colour	Pantone 877C, Side wings: Pantone Cool Gray 11C
Hidden cable management	no
Protection rating	IP40

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(Continuation Spezifications)

Temperature range (Operation)	-10° ~+50°C
Dimensions (HxWxD)	See drawing
Weight	265g
Parts supplied	4-pin plug, C/CS mount ring
Certificates	CE

Optional accessories

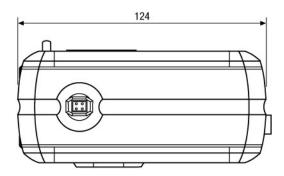|		
70495	**VT-PS12DC-7**	Plugable PSU w. Cont. & UK Mains plug-in 100-240VAC/12VDC-1.25A, Regulated
70536	**VT-PS12DC-9**	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends
43238	**F03Z2.710DC-NFS**	F1.0/3-8mm DC Lens/var. Focal Length with No Focus Shift, 1/3˝CS Mount
45246	**YV5X2.7R4B-SA2L**	F1.3/2.7-13.5mm DC Varifocal Lens, No Focus Shift, 1/3˝CS Mount
70527	**NE-132/AC24V**	Power Supply Unit 230VAC/24VAC (1.0A)
43239	**A10Z04NDDC-NFS**	F1.4/10-40mm DC Lens/var. Focal Length with No Focus Shift, 1/2˝C Mount
43251	**G04Z03NDDC-NFS**	F1.2/4.5-12.5mm DC Lens/variable Focal Length, No Focus Shift, 1/2˝CS Mount
77773	**VT-PS12DCDT1**	PSU 12VDC/1.0A, Regulated, Desktop Version, 1.8m Cables each w. open ends
43249	**F07Z07NDDC-NFS**	F1.3/7.5-50mm DC Lens/var. Focal Length with No Focus Shift, 1/3˝CS Mount
70836	**WD-13-WA**	Ceiling Mount with Ball Joint, 1/4˝Camera Fixing Screw, RAL9006
70833	**WD-13/E-WA**	Ceiling Mount w. Ball Joint, extendable 1/4˝Camera Fixing Screw, RAL9006
70771	**WD-23**	Wall Mount Bracket with Ball Joint, 1/4˝Camera Fixing Screw, Pantone 877
70769	**WD-22**	Wall Mount Bracket with Ball Joint, 1/4˝Camera Fixing Screw, Beige Grey

VKC-1375/12-24

Technical drawing

VKCD-1375

VKCD-1375
1/3˝Dome, Fixed, Day&Night, WDR, DSS,

Video Analysis, clear, 650TVL, 12/24VAC

Art-Nr. 92568

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Main Features

1/3˝Sony Super HAD II PS 960H interline transfer	256x digital zoom and digital PTZ support
Sensitivity of 0.1lux at F1.2 (colour/AGC high)	On-screen display (OSD)
Wide dynamic range (WDR) up to x512 (54dB)	Video analysis: motion trace / face trace, etc.
Intelligent backlight compensation (BLC)	Privacy masking/mirror function/motion detection
Excessive highlight compensation (EHLC)	External day&night selection / RS-485 interface
Powerful digital noise reduction (3D/2D DNR)	Integral F1.4/2.8-12mm varifocal DC iris lens

Specifications

Video standard	CCIR/PAL
System	Day&Night
Sensor size	1/3˝
Imager	CCD, Sony Super HAD II PS 960H Interline Transfer
Active picture elements	570,000, 976(H) x 582(V)
Synchronization	Internal/AC line lock
Signal-to-noise ratio	50dB (AGC OFF)
Sensitivity (at 50% video signal)	0,1 Lux, (coulor), 0.03Lux (B&W) at F1.2 (measured)
Exposure modes	Automatic, Manual shutter, Flickerless, Low Light control, Offset add
Horizontal resolution	650 TVL
Rotation range	359°
Privacy zones masking	up to 15 zones (Tilt, Color, Transparency, Mosaic)
Automatic gain control (AGC)	OFF/LOW/MID/HIGH selectable

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(Continuation Spezifications)

Automatic electronic shutter (ESC)	1/50 ~1/100,000sec. (ON/OFF switchable)
Manual electronic shutter (MES)	1/50 ~1/10.000sec.
Low Speed Shutter	yes
Low speed shutter	32fps max. ON/OFF switchable
Digital Noise Reduction (DNR)	yes, 2D & 3D, Gain adjust, DNR Demo
Flickerless function	On/Off switchable
Mirror function	On/Off switchable
White balance (AWB)	Automatic, Push&Hold, Indoor, Outdoor, FL (Fluorescent light), User set
Backlight compensation	BLC, EHLC (Excessive High Light Compensation), Automatic, Spot, Zone, BLM (Backlight Masking)
Wide Dynamic Range (WDR)	yes, 54dB
Aperture Correction (APC)	Horizontal and vertical
IR cut filter	switchable
Video outputs	Composite (CVBS), 1Vp-p, (C)VBS, 75ohms, BNC
Lens mount	integrated lens
Lens type	varifocal
Lens	F1.4/2.8 ~12mm with galvanometer driven iris
Focal length	2,8 mm - 12 mm
Horizontal angle of view	81,2° - 22,6°
Digital Zoom	2x ~256 (Zoom), D-PTZ Support
Aperture range (F)	F1.4~F130
Iris control	DC
MOD (Minimum object distance)	0,2 m
Filter screw size	not available
Alarm inputs	-
Activity detection	yes
Motion detector	4 zones, ON/OFF switchable
Analysis Functions	Activity detection (compatible with digital PTZ support), Motion tracking, Face detection, Virtual fence (mine area), Removal (object disappearing or removing), Cross object counting, People counter, Scene change (tamper detection)
Menu driven set-up	ON/OFF switchable
Menu languages	English
OSD function control	H/V flip (Mirror picture), Rotation, Positive/Negative, Freeze, Sharpness correction, Frame control (Use for saving storage): Automatic, OFF~7sec., System Lock, Password protection
Camera ID	Via ID no. (alpha numeric 001~255)
Sharpness correction	Adjustment range: 0 ~15
Brightness	Adjustment range: 48 ~255
Internal adjustments	Zoom & Focus, Menu access

VKCD-1375

(Continuation Spezifications)

External connections	video (BNC), voltage input, RS-485, alarm output TTL, open collector, external day&night switching
Keyboard control	Direct mode control with eneo EDC-KBD(M), KBD-2, VKCD-1410/KB keyboard series
Serial interfaces	RS-485, Protocols: eneo Fastrax EII and Pelco D&P
Heater	no
Protection rating	IP66, at installation according to the manual
Supply voltage	12VDC, 24VAC, (+/-10%)
Power consumption	3.0watts
Vandalism resistant	yes
Colour (bubble)	clear
Camera adjustment	360° horizontal / -10°~90° tilt
Mounting	ceiling mount, wall mount
Housing	Outdoor
Housing material	Aluminium
Colour (housing)	Pantone Cool Gray 1C
Dimensions (DxH)	146.3x113.7mm
Weight	760g
Colour	Pantone 877C, Side wings: Pantone Cool Gray 11C
Parts supplied	Mounting kit, Torx wrench key, Manual
Certificates	CE

Optional accessories
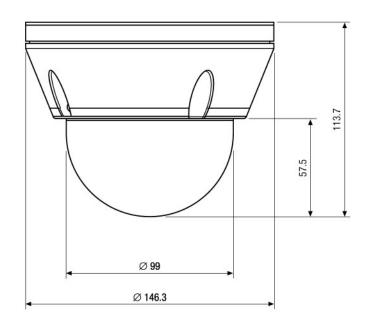
70495	**VT-PS12DC-7**	Plugable PSU w. Cont. & UK Mains plug-in 100-240VAC/12VDC-1.25A, Regulated
70536	**VT-PS12DC-9**	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends
70527	**NE-132/AC24V**	Power Supply Unit 230VAC/24VAC (1.0A)
77773	**VT-PS12DCDT1**	PSU 12VDC/1.0A, Regulated, Desktop Version, 1.8m Cables each w. open ends
92192	**VKCD-1410/KB**	Remote Controller for VKCD-1410, VKC-1416(A)/IR and NTC-4101
74155	**EDMC/CWB-1**	Wall or Pendant Mount Kit f. Dome Camera Series EDMC, NTD, NLD, NXD & VKCD-1375

VKCD-1375

Technical drawing

121

4x 6.4

45°

PF 3/4"
TAP

45°

113.7

57.5

⌀ 99

⌀ 146.3

Maße/Dimensions: mm