

# VKC-1375/12-24

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VKC-1375/12-24  
1/3" Day&Night Camera, 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)	0.1Lux at F1.2 (colour), 0.03Lux (B&W), Videor measurement result
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. (ON/OFF switchable)

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(Continuation Specifications)

<b>Manual electronic shutter (MES)</b>	1/50 ~ 1/10.000sec.
<b>Low Speed Shutter</b>	yes
<b>Low speed shutter</b>	32fps max. On/Off switchable
<b>Digital Noise Reduction (DNR)</b>	yes, 2D & 3D, Gain adjust, DNR Demo
<b>Backlight compensation</b>	BLC, EHLC (Excessive High Light Compensation), Automatic, Spot, Zone, BLM (Backlight Masking)
<b>Wide Dynamic Range (WDR)</b>	yes, 54dB
<b>White balance</b>	Automatic, Push&Hold, Indoor, Outdoor, FL (Fluorescent light), User set
<b>Blemish compensation</b>	Automatic blemish detection and compensation (for up to 64 pixels). Detected pixel display
<b>Aperture Correction (APC)</b>	Horizontal and vertical
<b>Flickerless function</b>	On/Off switchable
<b>IR cut filter</b>	switchable
<b>Day/Night switching</b>	By external contact closure
<b>Privacy Zone</b>	up to 15 zones (Tilt, Color, Transparency, Mosaic)
<b>OSD function control</b>	V-Flip, Mirror, Rotation, Positive/Negative, Freeze, Sharpness correction, Frame control (Use for saving storage): Automatic, OFF~7sec., System Lock, Password protection
<b>Motion Detection Function</b>	4 fields, ON/OFF switchable
<b>Mirror function (h/v)</b>	On/Off switchable
<b>Digital Zoom</b>	2x ~256 (Zoom), D-PTZ Support
<b>Analysis Functions</b>	Activity detection (compatible with digital PTZ support), Motion tracking, Face detection, Virtual fence (mine area), Absent (object disappearing or removing), Cross object counting, People counter, Scene change (tamper detection)
<b>Lens mount</b>	CS
<b>Iris control</b>	Manual iris, Auto-Iris/DC controlled
<b>Auto exposure</b>	Automatic/Manual Shutter/AGC
<b>External adjustments</b>	Flange focus, 4 menu cursor buttons
<b>Video outputs</b>	CVBS, 1Vp-p, (C)VBS, 75ohms, BNC
<b>External connections</b>	Video (BNC), Auto Iris/DC iris (4 pin), Power input (2 pin), RS-485, Alarm output
<b>Serial interfaces</b>	RS-485
<b>Camera mount</b>	1/4" - 20 UNC thread on top and bottom
<b>Supply voltage</b>	12VDC, 24VAC, (+/-10%)
<b>Power consumption</b>	3.6watts
<b>Temperature range (Operation)</b>	-10° ~+50°C
<b>Dimensions (HxWxD)</b>	See drawing
<b>Colour</b>	Body: Pantone 877C, Side wings: Pantone Cool Gray 11C
<b>Weight</b>	265g
<b>Parts supplied</b>	4-pin plug, C/CS mount ring

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(Continuation Specifications)

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

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## Technical drawing

