



VKC-1375/12-24

Article-No.: 92566

1/3" Camera, Day&Night, WDR,
DSS, EHLC, Video Analytics,
650TVL, 12VDC/24VAC

Mainfeatures

1/3" Sony Super HAD II PS 960H interline transfer
Wide dynamic range (WDR) up to x512 (54dB)
Excessive highlight compensation (EHLC)
256x digital zoom and digital PTZ support
Video analysis: Motion trace / Face trace, etc.
External day&night selection / RS-485 interface

Sensitivity of 0.1lux at F1.2 (colour/AGC high)
Intelligent backlight compensation (BLC)
Powerful digital noise reduction (3D/2D DNR)
On-screen display (OSD)
Privacy masking/Mirror function/Motion detection
Supply voltage: 12VDC or 24VAC

Specifications

System	day&night
Video standard	CCIR/PAL
Sensor size	1/3"
Imager	CCD
Imager	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
Sensitivity (at 50% video signal)	(colour), 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.





Specifications (continued)

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
Digital Noise Reduction (DNR)	2D & 3D, gain adjust, DNR Demo
Backlight compensation	BLC
Backlight compensation	EHLC (Excessive High Light Compensation), Automatic, Spot, Zone, BLM (Backlight Masking)
Wide Dynamic Range (WDR)	WDR
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), positive/negative, freeze, sharpness correction, rotation, system lock, password
Menu languages	English
Brightness	adjustment range: 48 – 255
Sharpness correction	adjustment range: 0 – 15
Camera ID	via ID no. (alpha numeric 001-255)
Activity detection	yes
Motion detector	4 zones, ON/OFF switchable
Mirror function	On/Off switchable
Digital zoom	2x – 256x, 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)
e-PTZ support	no
Lens mount	CS mount
Iris control	Manual iris, Auto-Iris/DC controlled
Illumination	no
External adjustments	Flange focus, 4 menu cursor buttons
Video outputs	composite (CVBS)
Video outputs	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
Alarm inputs	no
Alarm outputs	1
Supply voltage	12VDC, 24VAC
Supply voltage	(+/-10%)
Power consumption	3.6W

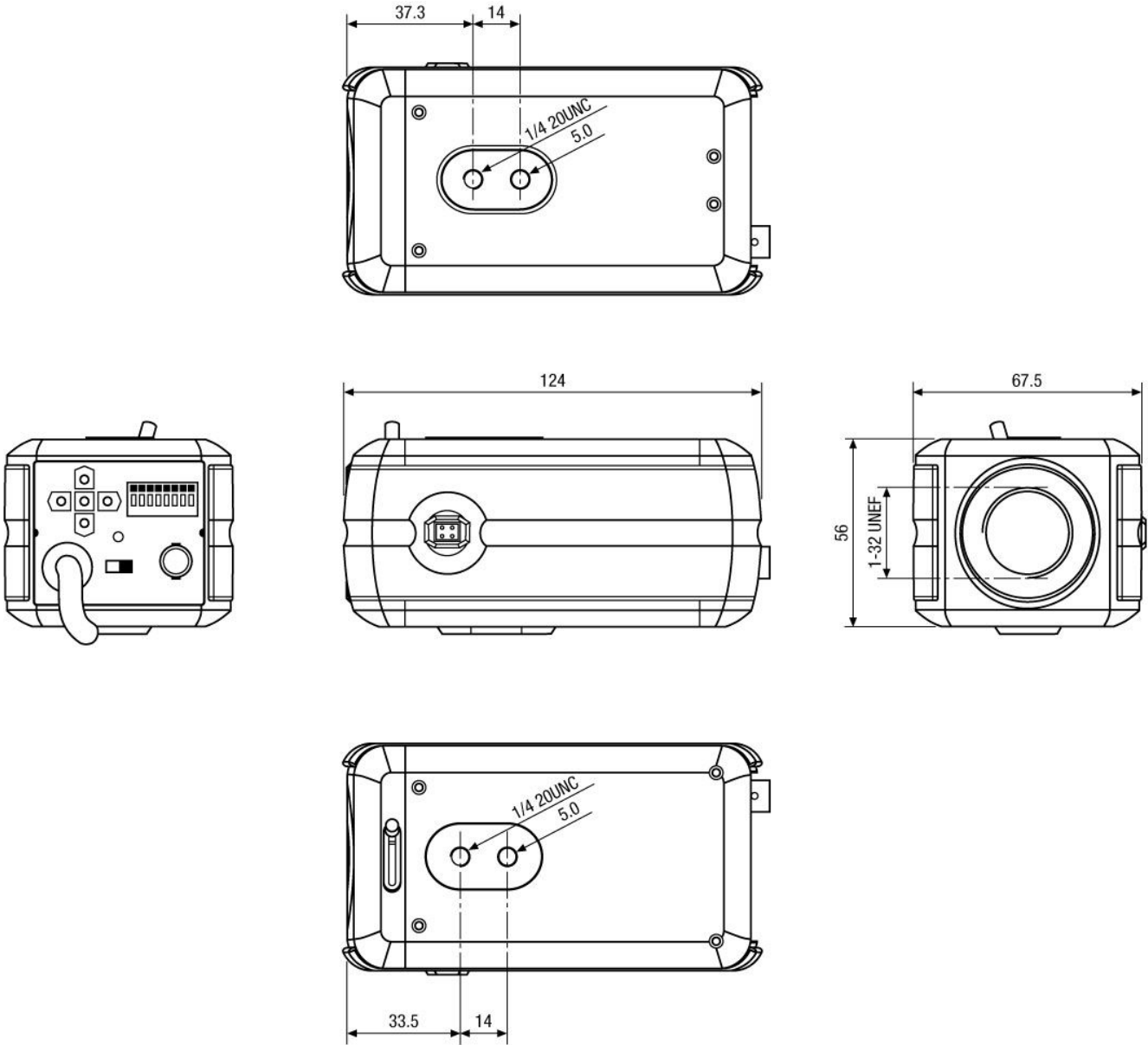
Specifications (continued)

Housing	indoor
Colour	Pantone 877C, Side wings: Pantone Cool Gray 11C
Hidden cable management	no
Vandalism resistant	no
Protection rating	n/a
Temperature range (operation)	-10°C ~ +50°C
Dimensions (HxWxD)	see drawing
Weight	265g
Parts supplied	4-pin plug, C/CS mount ring
Certificates	CE

Optional Accessories

Image	Artikel-Nr. / Typ	Description
	WD-23	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Pantone 877
	F03Z2.6DC-NFSHR	F1.0/3-8mm DC Lens, Varifocal, No Focus Shift, High Resolution, 1/3" CS Mount
	VT-PS12DC-9	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends
	VTL-WWD	Weatherproof Housing (300mm) RAL9002, Wallbracket, Thermostat, Heater 12-24V

Technical Drawing





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