

# Special Cameras

1/3" B/W IR Camera,  
DSP, 230VAC, 480TVL, 0,10Lux

EDP-No.: 91807

## VK-1313/IR

- IR Sensitive B&W CCD Camera
- Resolution of 590 Horizontal Lines
- High Sensitivity of 0.1 Lux
- Digital Signal Procession (DSP)
- On-screen Camera Function Control
- IR-Sensitivity Range: 780 to 1100 nm
- Automatic/Manual Gain Control (AGC)
- Electronic Shutter Control (ESC)
- Backlight Compensation (BLC)
- CVS Signal Output
- Auto Iris and DC Iris Control
- Supply Voltage: 230 VAC/50 Hz



## Specifications:

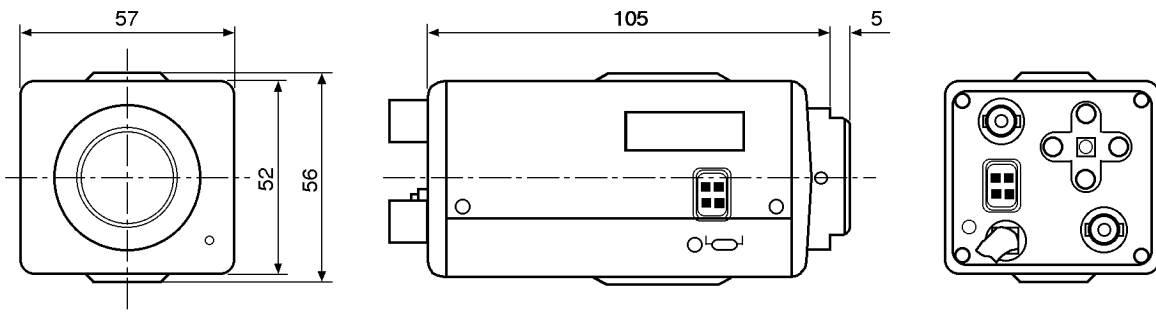
Imager	1/3" Interline transfer CCD (EXview HAD type)
System	CCIR
Synchronization	Line lock or internal
Genlock synchronization	No
Sensitivity at 50% video signal	0.1 Lux at F1.2 (VT measurement result)
IR Sensitivity range	780 to 1100 nm
Horizontal resolution	590 TV lines
Active picture elements	Approx. 480,000 (H) 795 x (V) 596
Shutter modes	Automatic ESC: 1/50 to 1/100,000 sec. ; Manual ESC: 1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/5,000, 1/10,000 ; Gain: 0, 6, 12, 18 db
Gamma correction	0.45 or 1.0 (switchable)
Automatic gain control (AGC)	Automatic: 20 db, Super AGC 36 db ; Manual (switchable)
OSD function control	Camera ID up-to 20 characters ; Automatic gain control; Light exposure modes ; BLC level window size, weighting ; Positive/Negative Contrast, brightness; Aperture correction ; Gamma, Knee function ; Synchronization: Internal/Line lock with phase adjustment
Aperture Correction (APC)	Horizontal and vertical

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<b>Backlight compensation (BLC)</b>	Auto detect histogram plus 225 area central windows weighted BLC
<b>Lens mount</b>	C/CS
<b>Usable iris controls</b>	Manual iris, Auto-Iris/DC controlled
<b>External adjustments</b>	Flange focus, OSD control buttons, AI/DC lens control Level adj. for DC controlled lenses
<b>Video output</b>	1 Vp-p, CVBS, 75 ohms
<b>External connections</b>	Video (BNC), Auto-/DC Iris (4-pin), RS-232 interface (4-pin), Power cord
<b>Camera mount</b>	1/4" - 20 UNC thread on top and bottom
<b>Supply voltage</b>	85 to 265 VAC, 50/60 Hz
<b>Power consumption</b>	8watts
<b>Temperature range</b>	-10°C to +50°C
<b>Dimensions (HxWxD)</b>	56x57x110 mm
<b>Colour</b>	Light grey
<b>Weight</b>	Approx. 500 g
<b>Parts supplied</b>	4-pin plug, C mount adapter ring

<b>Accessories</b>	
<b>EDP No. / Type</b>	<b>Description</b>
43193 A06Z02NDDC/IRSF	F1,8/6-13mm DC Lens with IR-Filter, variable focal Length, 1/2", C Mount
40223 A08Z15NDDCPOIRS	F1,8/8-120mm DC Zoom Lens with IR-Cut Filter, 1/2", C Mount
91798 VKC-122/-138/KB	Remote Control for VKC-122, VKC-138, VK-131, RS-232
43208 F03Z03NDDC/IRSF	F1,4/3-8mm DC Lens with IR-Filter, variable focal Length, 1/3", CS Mount
40233 F06Z10NDDCPOIRS	F1,6/6-60mm DC Zoom Lens with IR-Cut Filter, 1/3", CS Mount
70688 WD-18	Wall Mount with Ball Joint, 1/4" Camera Fixing Screw



Maße/Dimensions: mm