



## Special Cameras

### VKC-122/IR

- IR Sensitive Colour Camera
- Horizontal Resolution of 480 TV Lines
- High Sensitivity of 0.1 Lux
- Digital Signal Procession (DSP)
- OSD Camera Function Control
- IR-Sensitivity Range: 780 to 1100 nm
- Automatic/Manual Gain Control (AGC)
- Electronic Shutter Control (ESC)
- Backlight Compensation (BLC)
- CCVS Signal Output
- Auto Iris and DC Iris Control
- Supply Voltage: 230 VAC/50 Hz



Lens is not included with the camera

### Specifications:

Imager	1/2" Interline transfer CCD (EXview HAD type)
System	CCIR/PAL
Sensitivity at 50% video signal	0.21 Lux at F1.2 (VT measurement result)
IR Sensitivity range	780 to 1100 nm
Horizontal resolution	480 TV lines
Active picture elements	Approx. 480,000 (H) 795 x (V) 596
Signal-to-noise ratio	>48 dB (AGC OFF)
OSD function control	Camera ID up-to 20 characters Colour/b&w swapping time and gain Light exposure modes BLC level window size, weighting White balance modes Colour, contrast, brightness; Aperture correction Gamma, Knee function Colour pattern Synchronization: Internal/Line lock with phase adjustment

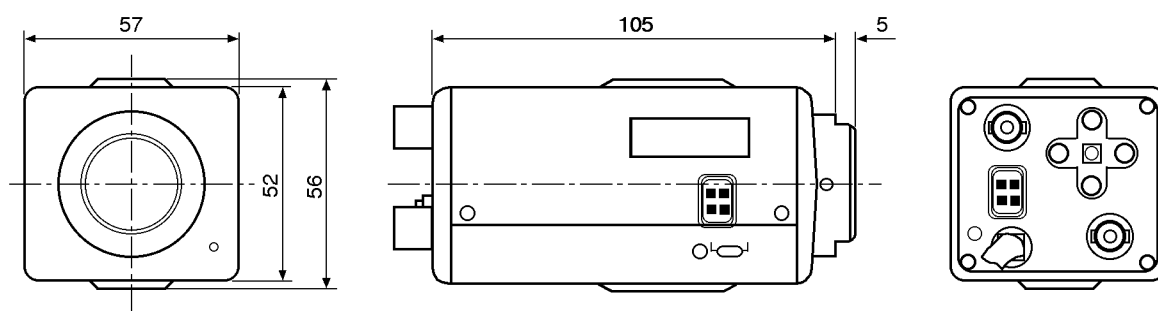
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Shutter modes	Automatic ESC: 1/50 to 1/100,000 sec. Manual ESC: 1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/5,000, 1/10,000 Gain: 0, 6, 12, 18 db
Shuttter modes	Fickerless mode: 1/120 sec. Auto Iris: 1/50 sec. Auto Iris + ESC
Video output	1 Vp-p, CVS, 75 Ohm
Gamma correction	0.45 or 1.0 (switchable)
Automatic gain control (AGC)	Automatic: 30 db, Super AGC 36 db Manual (switchable)
Aperture correction (APC)	Horizontal and vertical
Backlight compensation (BLC)	Auto detect histogram plus 225 area central windows weighted BLC
White balance	ATW: 2500 °K to 9500 °K AWB Preset: Indoor mode 3200 °K, Fluoresent mode 1: 4200 °K, Mode 2: 4700 °K (indoor) 6300 °K (outdoor) MWB: R-gain, B-gain adjustable and lockable
Synchronization	Line lock or internal
Genlock synchronization	No
Mount	C/CS (with C mount adapter)
External adjustments	Flange focus, OSD control buttons, AI/DC lens control Level adj. for DC controlled lenses
External connections	Video (BNC), Auto-/DC Iris (4-pin), RS-232 interface; Power cord
Iris controls	Manual iris, Auto-Iris/DC controlled
Supply voltage	85 to 265 VAC, 50/60 Hz
Power consumption	8 W
Camera mount	1/4" - 20 UNC thread on top and bottom
Temperature range	-10°C to +50°C
Dimensions (HxWxD)	56x57x110 mm
Colour	Light grey
Weight	Approx. 500 g
Parts supplied	4-pin plug, C mount adapter ring

Accessories	
EDP No. / Type	Description
43192 G04Z02NDDC/IRSF	Varifocal DC controlled lens with integrated IR cut filter

## VKC-122/IR

EDP No. / Type	Description
43193 A06Z02NDDC/IRSF	Varifocal DC controlled lens with integrated IR cut filter
40223 A08Z15NDDCPOIRS	Motorzoom lens with integrated IR cut filter
91798 VKC-122/KBD	Remote key pad for VKC-122 and VK-1313 (RS-232)
70688 WD-18	Wall bracket (ABS) with ball joint 1/4", beige finish



Maße/Dimensions: mm

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