



Colour Cameras

FDP-No. : 91508

VKC-145

- Resolution of 480 Horizontal Lines
- Digital Signal Processing (DSP)
- Back Light Compensation (BLC)
- Electronic Shutter Control (ESC)
- High and LowSpeed Shutter
- Internal Synchronization
- Automatic or Manual White Balance
- Flickerless Mode
- High Sensitivity
- CS Mount



Lens is not included with the camera

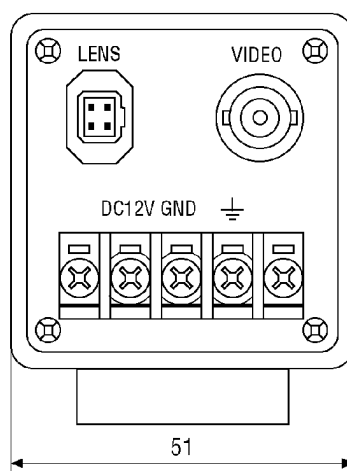
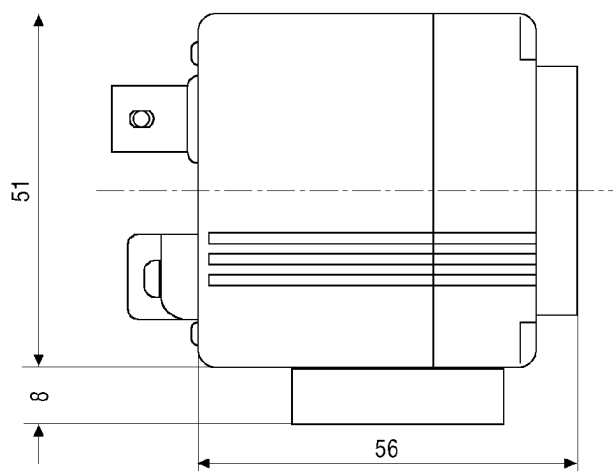
Specifications:

Imager	1/4" Interline transfer CCD
System	CCIR/PAL
Signal processing	Digital (DSP)
Synchronization	Internal
Sensitivity at 50% video signal	2.58 Lux at F1.2 (VT measurement result)
Sensitivity	1.0 Lux at F1.2 (Manufacturer spec.)
Horizontal resolution	480 TV lines
Active picture elements	Approx. 440,000, (H) 752 x (V) 582
Signal-to-noise ratio	>48 dB (AGC OFF)
Linear shutter (ESC)	1/50 to 1/10,000 sec.
Video output	1 Vp-p, CCVS, 75 Ohm
White balance	Automatic/manual (switchable)
Gamma correction	0.45
Automatic gain control (AGC)	Switchable ON/OFF
Aperture Correction	Yes (horizontal and vertical)
Back light compensation (BLC)	Yes (automatic)
Mount	CS
External adjustments	Flange focus, DC-Iris level control

VKC-145

External connections	DC-lens (4-pin), Video (BNC), 12 VDC input (screw connection)
Internal adjustments	Electronic shutter ON/OFF, Manual high speed shutter (1/50 to 1/10,000 pro sec.), Manual low speed shutter (2 to 16 fields), Automatic white balance, Manual white balance (Red/Blue), AGC ON/OFF, Flickerless mode ON/OFF, Pos./neg. video signal output.
Iris controls	Manual iris, DC-iris control
Camera mount	2 x M6 and 1/4" - 20 UNC threads selectable on top or bottom
Supply voltage	12 VDC (+/-10 %)
Power consumption	<3 W
Temperature range	-10°C bis +40°C
Dimensions (HxWxD)	See drawing
Colour	Light grey
Weight	200 g
Parts supplied	4-pin lens connector

Accessories	
EDP No. / Type	Description
70442 VT-PS12DC-3	Power supply unit 230 VAC/12 VDC stabilized
77779 VT-PS12DC/UK	Power supply unit 230VAC/12VDC-500mA w. UK mains connector
43104 CS-Mount	Adapter ring C/CS mount
70769 WD-22	Wall bracket (ABS) with ball joint 1/4", beige finish



Maße/Dimensions : mm