

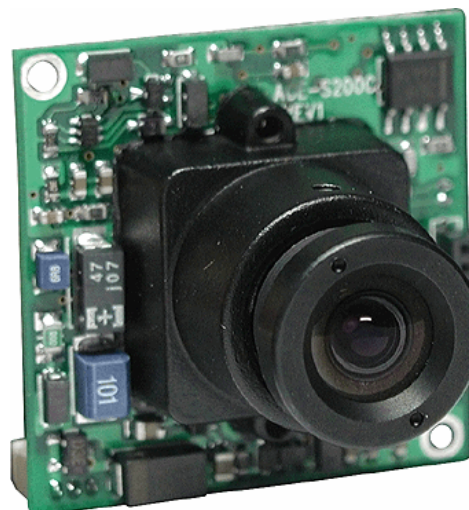


## Board Cameras

FDP-No.: 91756

### VKC-144

- 1/4" CCD Colour Board Camera
- Resolution of 380 Horizontal Lines
- Electronic Shutter Control (ESC)
- Aperture Correction (APC)
- Back Light Compensation (BLC)
- Automatic White Balance
- Integrated Lens: F2.0/3.6 mm
- Low Size: 32x32 mm



### Specifications:

Imager	1/4" Interline transfer CCD
System	CCIR/PAL
Synchronization	Internal
Sensitivity at 50% video signal	3.49 Lux at F2.0 (VT measurement result)
Sensitivity	0.5 Lux at F2.0 (Manufacturer spec.)
Horizontal resolution	380 TV lines
Active picture elements	Approx. 290,000 (H) 500 x (V) 582
Signal-to-noise ratio	>45 dB (AGC OFF)
Linear shutter (ESC)	1/50 to 1/100,000 sec.
Video output	1 Vp-p, CCVS, 75 Ohm
White balance	Automatic (through the lens)
Gamma correction	Approx. 0.45
Automatic gain control (AGC)	41 db
Aperture Correction (APC)	Yes (horizontal)
Backlight compensation (BLC)	Yes
Lens	F2.0/3.6 mm w/o. iris
Camera mount	2 holes with 2 mm diam. each, 39.6 mm (diagonal)
Supply voltage	+12 VDC +/-10 %
Power consumption	<1,45 W

## VKC-144

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Temperature range	-10°C to +45°C
Dimensions (HxWxD)	32x32x25 mm
Weight	24 g

### Additional descriptions

For using in the weatherproof housings VHP-1 and VHP-2 a focal length  $\geq$  3.6mm is necessary.

Accessories	
EDP No. / Type	Description
40059 H0220M	Replacement lens F2.0/2.45 mm for board cameras
40061 H0820M	Replacement lens F2.0/8 mm for board cameras
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
79498 VHP-1	Weatherproof housing for 32x32mm board cameras 12 VDC, with wall bracket WD-21/MK
79576 VHP-2	Weatherproof housing with integrated swivel head. For 32x32mm board cameras 12 VDC

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