

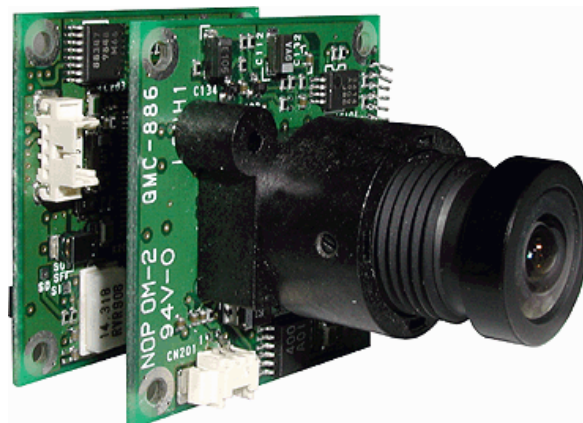


Board Cameras

FDP-No.: 91811

VKC-148

- 1/4" CCD Colour Board Camera
- Resolution of 470 Horizontal Lines
- Electronic Shutter Control (ESC)
- Aperture Correction (APC)
- Automatic Gain Control (AGC)
- Automatic White Balance
- Integrated Lens: F2.0/2.9 mm
- Low Size: 32x32 mm



Specifications:

Imager	1/4" Interline transfer CCD
System	CCIR/PAL
Synchronization	Internal
Sensitivity at 50% video signal	0.63 Lux at F 1.2 (VT measurement result)
Horizontal resolution	470 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 1/100,000 sec. (ON/OFF switchable)
White balance	Manual/Automatic (through the lens)
Gamma correction	Approx. 0.45
Automatic gain control (AGC)	ON/OFF switchable
Backlight compensation	ON/OFF switchable
Video output	1 Vp-p, CCVS, 75 ohms
Lens	F2.0/2.9 mm w/o. iris
Mechanical	Two-board camera 32x32 mm
Camera mount	4 holes with 2 mm diam. each, 38 mm (diagonal)
Supply voltage	+12 VDC (+/-10 %)
Power consumption	Approx. 1.5 W
Temperature range	-10°C to +50°C
Dimensions (HxWxD)	32x32x approx. 50 mm (incl. lens)
Weight	Approx. 25 g

Additional descriptions

For using in the weatherproof housings VHP-1 and VHP-2 a focal length \neq 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
79576 VHP-2	Weatherproof housing with integrated swivel head. For 32x32mm board cameras 12 VDC
79498 VHP-1	Weatherproof housing for 32x32mm board cameras 12 VDC, with wall bracket WD-21/MK

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