



Board Cameras

FDP-No. : 91504

VKC-142

- Resolution of 330 Horizontal Lines
- CCVS and Y/C Signal Output
- 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



Specifications:

Imager	1/4" Interline transfer CCD
System	CCIR/PAL
Signal processing	Digital (DSP)
Synchronization	Internal
Sensitivity at 50% video signal	17.4 Lux at F5.0 (VT measurement result)
Sensitivity	1.0 Lux at F1.2 (Manufacturer spec.)
Horizontal resolution	330 TV lines
Active picture elements	Approx. 290,000, (H) 500 x (V) 582
Signal-to-noise ratio	>48 dB (AGC OFF)
Linear shutter (ESC)	1/50 to 1/10,000 sec.
Video output	CCVS: 1 Vp-p, 75 ohms Y/C: C= 1.0 Vp-p, C= 0.3 Vp-p, 75 ohms
White balance	Automatic/manual (switchable)
Gamma correction	0.45
Integrated pinhole lens	F 5.0/3.7 mm
Automatic gain control (AGC)	Switchable ON/OFF
Back light compensation (BLC)	Yes

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Internal adjustments	Electronic shutter ON/OFF, Manual high speed shutter, Manual low speed shutter (2 to 16 fields), Automatic white balance, Manual white balance (Red/Green), AGC ON/OFF, Flickerless mode ON/OFF, Pos./Neg. Video signal output
Iris control	-
Camera mount	4 holes, H: 58 mm, V: 34 mm (2,7 mm hole diam.)
Supply voltage	12 VDC (+/-10 %)
Power consumption	3 W
Temperature range	-10°C to +40°C
Dimensions (HxWxD)	See drawing
Colour	Light grey
Weight	150 g

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

