



Monochrome Cameras

EDP-No.: 91749

VK-135/12V

- Horizontal Resolution of 380 TV Lines
- High Sensitivity of 0.02 Lux
- Backlight Compensation (BLC)
- Switchable Gain Control (AGC)
- Electronic Shutter Control (ESC)
- Aperture Correction (APC)
- Flickerless Shutter
- Auto-Iris and DC-Iris Control
- C/CS Mount



Lens is not included with the camera

Specifications:

Imager	1/3" Interline transfer CCD
System	CCIR
Sensitivity at 50% video signal	0.32 Lux at F1.2 (VT measurement result)
Sensitivity	0.02 Lux at F1.2 (Manufacturer spec.)
Horizontal resolution	>380 TV lines
Active picture elements	Approx. 290,000 (H) 512 x (V) 582
Signal-to-noise ratio	>50 dB (AGC OFF)
Linear shutter (ESC)	1/50 to 1/100,000 sec.
Video output	1 V _{p-p} , CVS, 75 Ohm
Gamma correction	0.45
Automatic gain control (AGC)	Yes, ON/OFF switchable
Aperture Correction (APC)	Yes, horizontal
Backlight compensation (BLC)	Yes, ON/OFF switchable
Flickerless shutter	Yes, ON/OFF switchable
Synchronization	Internal
Mount	C/CS (with adapter)
Auto-Iris voltage supply	9 VDC (max. 40 mA)

VK-135/12V

External adjustments	ON/OFF switcher for: ESC, BLC, AGC, Flickerless shutter Level for DC controlled lenses, Flange focus
External connections	Video (BNC), Auto-Iris (3-pin) and DC contr. Iris (4-pin), Voltage input (2-pin)
Iris controls	Manual iris, Auto-Iris and DC-Iris controlled
Supply voltage	12 VDC ($\pm 10\%$)
Power consumption	1.8 W
Camera mount	1/4" - 20 UNC thread on top or bottom
Temperature range	-10°C to +50°C
Dimensions (HxWxD)	55x55x120 mm
Colour	Beige
Weight	400 g

Accessories	
EDP No. / Type	Description
77779 VT-PS12DC/UK	Power supply unit 230VAC/12VDC-500mA w. UK mains connection
70442 VT-PS12DC-3	Power supply unit 230 VAC/12 VDC stabilized

Textual information for accessories