



VKC-1334/VAR49

1/3" D&N, WDR, DSS Board Camera with Removable IR CF, F1.3/3.8-9.5mm, 480TVL

Art-No. 91992



Features

1/3" Progressive Scan CCD Sensor

Wide Dynamic Function (WDR)

Resolution of 480 Horizontal Lines (at Colour)

Sensitivity of 0.001Lux at F1.2 (160x DSS/B&W)

On-screen Menu Control / Camera Title Display

Backlight Compensation (BLC)

Removable IR Cut Filter

Automatic White Balance (ATW/AWB)

High and Low Speed Shutter Control (ESC/DSS)

3x Digital Zoom / 4 Privacy Zones adjustable

External Day/Night Selection / RS-485 Interface

Supply Voltage: 12VDC

Specifications

Minimum object distance (MOD)

0.15m (at f3.8mm)

Digital Zoom

3x

Privacy Zones

4 Areas selectable

Low speed shutter (DSS)

DSS: OFF / 2 ~ 20Fps / 40Fps / 80Fps / 160Fps mode

OSD function control

Main menu: Camera-ID no., Camera title/text, Colour/B&W switching, Sharpness, Mirror function, Positive/Negative switching. AWB: White balance red/blue, automatic. AE: Brightness, Flickerless, High speed shutter, Low speed shutter (DSS), AGC. Day&Night modes (Auto, Day, Night, external), IR Filter (Brightness level, delay). WDR: Mode, BLC. Privacy Zones: Area, Masking, X/Y start/end. Display: OSD, Function display ON/OFF. Initial: Camera settings ON/OFF

White balance (AWB)

Automatic/Manual/Hold

Wide dynamic range

Automatic, ON/OFF switchable

System

CCIR/PAL

Imager

1/3" Sony Progressive Scan CCD

Active picture elements

Approx. 470,000; (H) 800 x (V) 582 Pixels

Signal-to-noise ratio

50dB (AGC OFF)

Synchronization

Internal

VKC-1334/VAR49

(Specifications continued)

Horizontal resolution	Approx. 500 TV lines (colour)
Sensitivity at 50% video signal	0.25Lux at colour; 0.15Lux at b&w, F1.2 each and position AGC High. DSS 160x: 0.0016Lux at colour; 0.001Lux at b&w (VT measurement result)
IR cut filter	Motorized, switchable filter. Automatic function (CDS controlled) or manual. In removed filter position, the colour signal will be switched OFF
Automatic shutter control (AES)	1/50 ~ 1/10,000Sec.
Automatic gain control (AGC)	OFF / Low / Mid / High selectable
Lens	F1.2/3.8 ~ 9.5mm with galvanometer driven iris
Horizontal angle of view	74.2° ~ 30°
Internal adjustments	-
External connections	Video (BNC), 12VDC (DC socket); RS-485 interface
Serial port	RS-485 (Pelco D protocol or eneo control S/W, interface protocol: upon request)
Video output	1Vp-p, CVBS, 75ohms
Supply voltage	12VDC (9 ~ 15VDC), 12VDC +/-0.5V recommended
Power consumption	3.6watts max.
Mounting	2 Fixing holes at 48mm distance (diagonal)
Housing	-
Temperature range	-10°C ~ +50°C
Dimensions (HxWxD)	See drawing
Weight	Approx. 55g (incl. lens)

Accessories

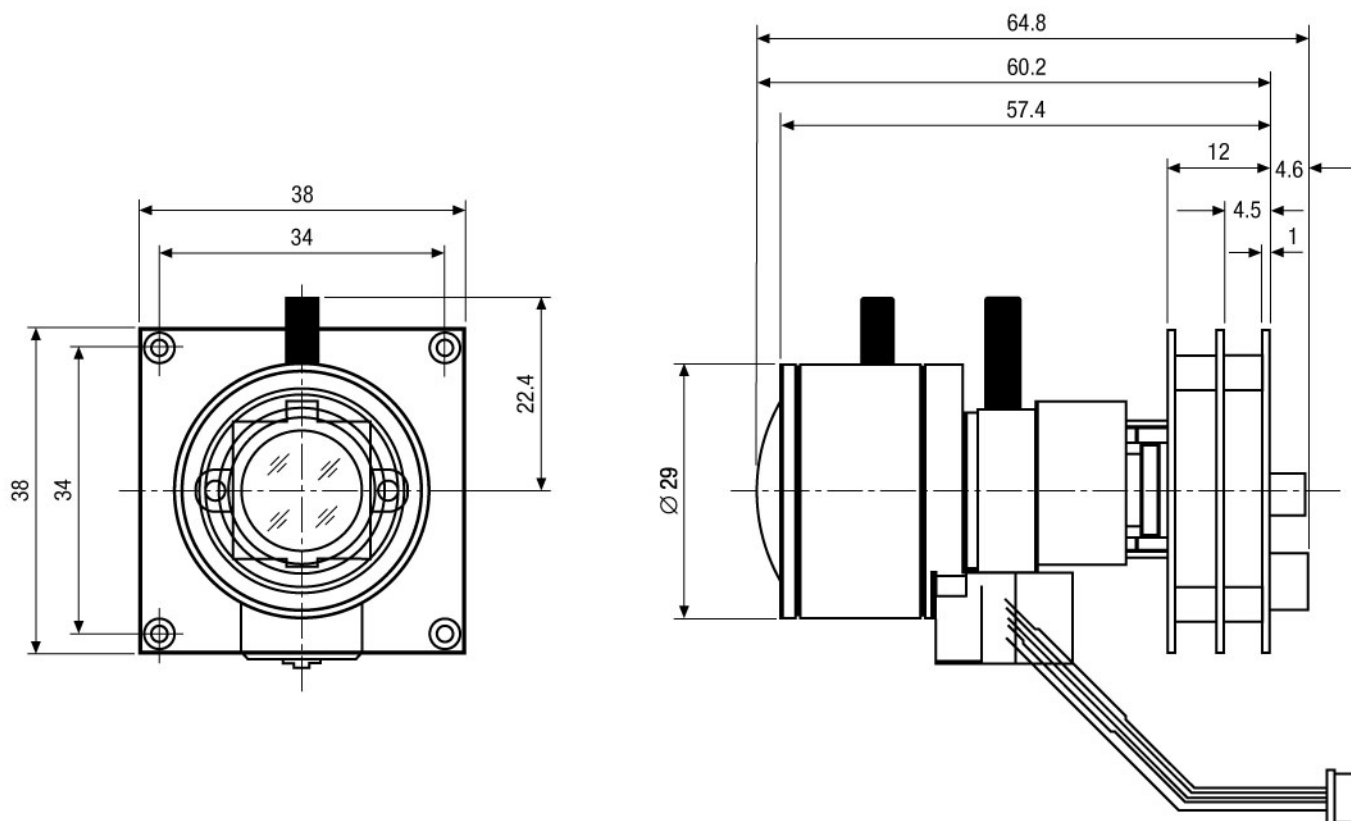
77779 / VT-PS12DC-UK	Power Supply Unit w. UK Mains plug-in, 100-240VAC/12VDC-1.0A, Regul., open Ends
77772 / VT-PS12DCDT	PSU 12VDC/0,5A, Regulated, Desktop Version, 1.8m Cable each w. open ends
70447 / VT-PS12DC-5	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, with DC Plug

Product Information

Most CCD Colour cameras, even of high quality, show very poor performance when they are working under strong backlight conditions. However, by using of Double Speed Sony CCD (Progressive Scan) and SS-2 chip set, as in the VKC-1334/VAR49, this problem will be solved.

The Double Speed CCD reads both bright and dark areas separately at the same time and after that the different exposures will be combined to one image by the Wide Dynamic chip CX3151. That's why, even though there it is very bright light or spotlights on the object, the picture will remain very sharp without any blooming and smear.

Furthermore true Day and Night function, using a removable IR cut filter and a day/night lens with no focus shift, a real 24hrs. monitoring with clear image both at day and night can be realized, if the camera was optimized according to the application.



Maße/Dimensions: mm

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