# Video Security

Cameras | Day/Night Cameras

## VKC-1343/IR
1/3" Day&Night Camera w. IR Illumination
F1.5/9-22mm, 480TVL, 12VDC/24VAC

**Art-No. 92091**



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## Features

| | |
|---|---|
| **1/3" Sony Super HAD CCD Sensor** | **Integral Varifocal Lens F1.5/9-22mm** |
| **Sensitivity of 0.28 Lux at F1.2 (Colour)** | **DC Iris Control / Removable IR Cut Filter** |
| **Automatic Gain Control (AGC)** | **IR Illumination by 40 Integral 850nm LEDs** |
| **Backlight Compensation (BLC)** | **Illumination Range approx. 50m** |
| **Automatic Tracking White Balance (ATW)** | **Supply Voltage 12VDC/24VAC** |
| **High and LowSpeed Shutter Control (ESC/DSS)** | **Protection Rating IP67** |

## Specifications

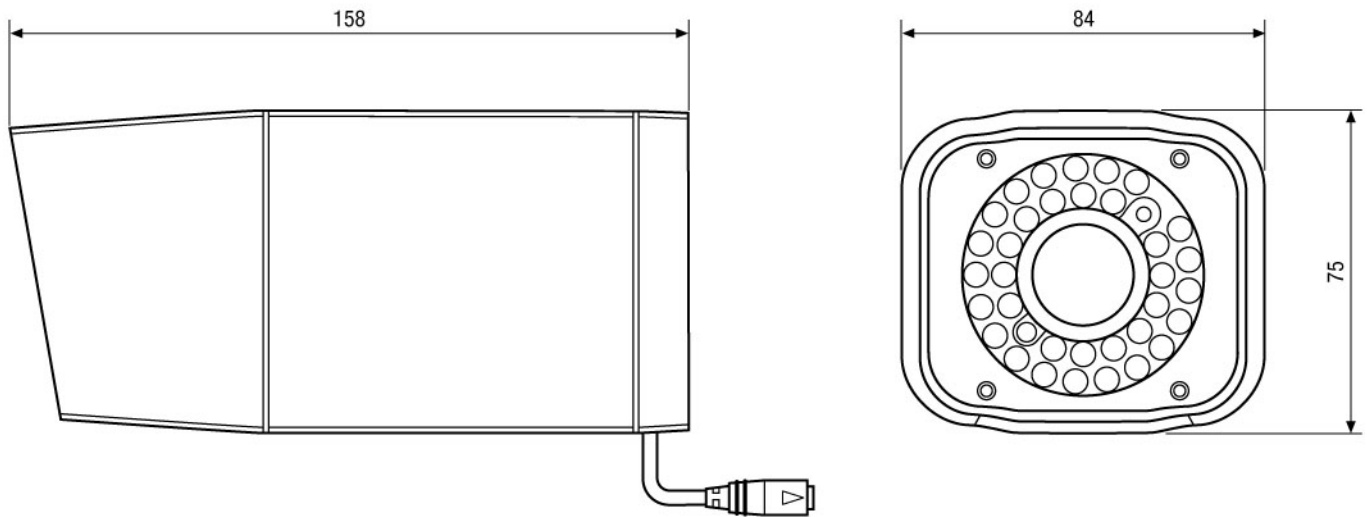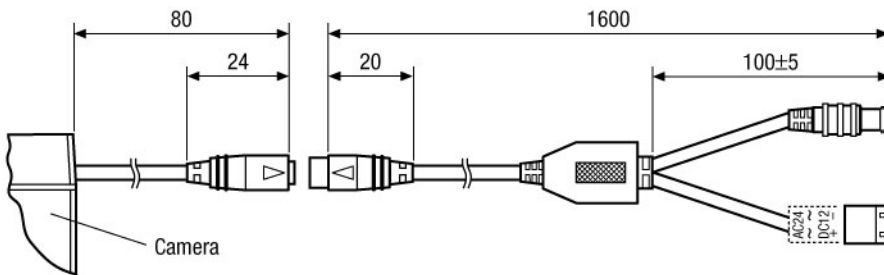| | |
|---|---|
| **System** | day&night |
| **Video standard** | CCIR/PAL |
| **Imager** | CCD, Sony Super HAD Interline Transfer CCD |
| **Sensor size** | 1/3" |
| **Active picture elements** | approx. 440,000, 752(H) x 582(V) |
| **Signal processing** | Digital (DSP) |
| **Synchronization** | Internal/AC line lock |
| **Signal-to-noise ratio** | 48dB (AGC Off) |
| **Sensitivity (at 50% video signal)** | 0,28Lux, at colour, 0.03Lux (B&W). VT measurement result at F1.2 and 8x DSS) |
| **Electronic shutter control (ESC)** | 1/50 ~ 1/100,000sec. |
| **Integration rate** | yes |
| **Automatic gain control (AGC)** | 28dB / 32dB max. |
| **Backlight compensation** | BLC, Center weighted |
| **White balance (ATW)** | 2000K ~ 8000K |
| **IR cut filter** | yes, Motorized, switchable filter. Automatic function depend on the amount of light, or fixed on "Day" or "Night" mode (Menu, controlled) |

(Specifications continued)

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|---|---|
| **Mount** | n/a |
| **Lens** | F1.5 ~ 270 / 9 ~ 22mm |
| **Application range** | day/night, security |
| **Nominal format size** | 1/3" |
| **Aspherical technology** | yes |
| **Focal length** | 9-22mm |
| **Horizontal angle of view** | 30,6-13° |
| **Minimum object distance (MOD)** | 50cm |
| **Focus control** | Manual |
| **Iris control** | DC, Auto iris controlled |
| **Lens mount** | integrated lens |
| **Illumination** | 40x LED's 850nm. Due to an integrated light sensor the LED illumination will be switched ON/OFF, depending on environmental illumination conditions |
| **Illumination range** | approx. 50m (at a good light reflection and 40% video signal) |
| **Internal adjustments** | Internal/Line-lock synchronisation, ELC/ALC (Shutter/Auto-Iris), Automatic Day/Night switching ON/OFF, DSS 8x/16x, Focus & Zoom adjustment, V-phase adjustment (24VAC only), Video level (DC Iris) |
| **External connections** | Video (BNC), 2-pin Power input |
| **Video outputs (type)** | CVBS, VBS |
| **Video outputs** | 1Vp-p, (C)VBS, 75ohms, BNC |
| **Serial interfaces** | no |
| **Camera mount** | 2x 1/4" - 20 UNC thread on housing top and bottom (15mm distance) |
| **Supply voltage** | 12VDC, 24VAC, (10.5~30VDC, 12~28.8VAC |
| **Power consumption** | 10W max. |
| **Temperature range (Operation)** | -30°C ~ +50°C |
| **Humidity range** | 10% ~ 85% non-condensing |
| **Protection rating** | IP67 |
| **Housing** | Plastic |
| **Colour** | Body: Pantone 877C, Front & Back: Pantone Cool Gray 11C |
| **Dimensions (HxWxD)** | See drawing |
| **Weight** | approx. 1.0kg |
| **Parts supplied** | Camera, Manual, "Easy installation" adapter cable, Heat schrink tube |

## Accessories

| | |
|---|---|
| **92111 / VKC-1343/WD1** | Wall Mount Bracket for VKC-1343/IR |
| **70448 / VT-PS12DC-6** | Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends |
| **77773 / VT-PS12DCDT1** | PSU 12VDC/1.0A, Regulated, Desktop Version, 1.8m Cables each w. open ends |

158

84

75

**Easy Installation cable**

80

24

1600

20

100±5

Camera

AC24

DC12

Maße/Dimensions: mm

**VIDEOR TECHNICAL**