Video Security

Cameras | Day/Night Cameras

VKC-1417/IR
1/4" Day&Night Camera w. IR Illumination
F1.6/3.5-91mm (26x Zoom), 480TVL, 12VDC

Art-No. 91986

eneo®

Features

Integrated 26x AF Zoom Lens/10x Digital Zoom	Electronic Shutter Control (ESC)
Resolution of 480 Horizontal Lines	H/V Aperture Correction (APC)
Sensitivity of 0.78Lux at F1.2 (Colour)	Automatic White Balance (AWB)
On-screen Menu Control	IR Illumination by 7 integrated 850nm LED`s
Digital Signal Processing (DSP)	RS-485 Serial Control Interface
Programmable Back Light Compensation (BLC)	Supply Voltage: 12VDC

Specifications

System	CCIR/PAL
Imager	1/4" Sony Super HAD Interline Transfer CCD
Active picture elements	Approx. 440,000, (H) 752 x (V) 582
Signal processing	Digital (DSP)
Synchronization	Internal
Sensitivity at 50% video signal	1.4 (0.78) Lux (Colour), 0.94 (0.53) Lux (B&W), VT measurement result at F1.6 (F1.2)
Horizontal resolution	480TV lines (colour)
Zoom function	Manual via buttons. Menu controlled start and end limitation
Focus control	Automatic and manual
Illumination	7x LED's 850nm at 30° hor. illumination angle. Due to an integrated light sensor the LED illummination will be switched ON/OFF, depending on environmental illumination conditions
Illumination range	Approx. 5m (at a good light reflexion and 40% Videosignal)
Electronic shutter control (ESC)	1/50 ~ 1/10,00Sec., Automatik and manual
Automatic gain control (AGC)	Manual adjustable (via menu control)

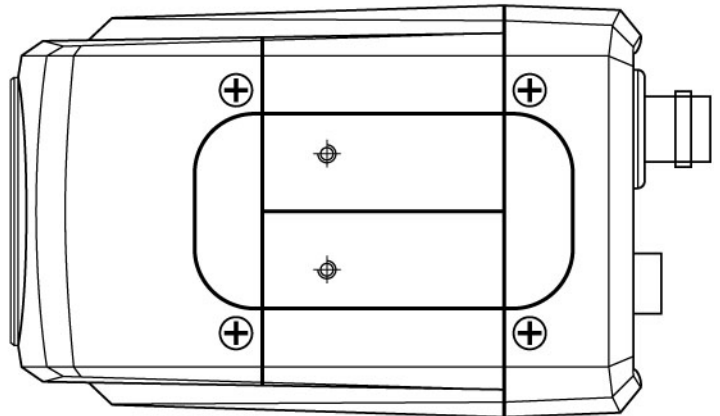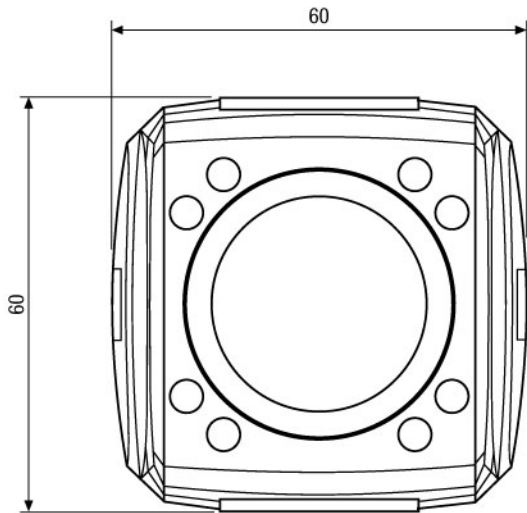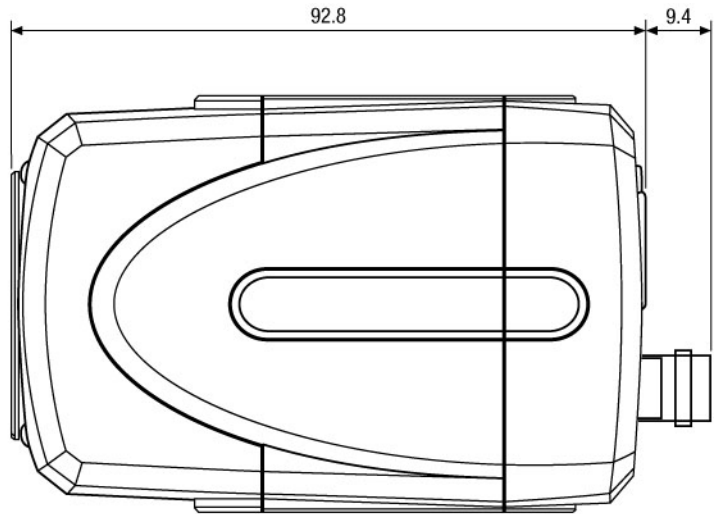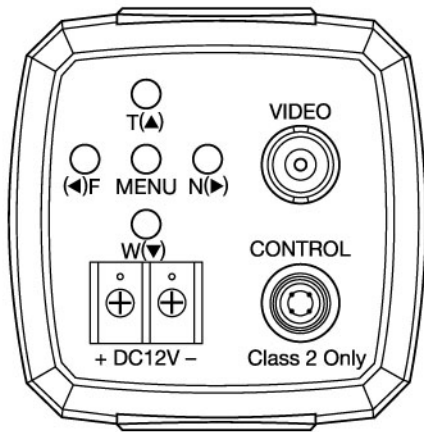(Specifications continued)

White balance	Automatic (AWB) selectable for indoor and outdor (3200K/5400K), or manual
IR cut filter	Motorized, switchable filter. Automatic function depend on the amount of light, or fixed on "Day" or "Night" mode (Menu controlled)
Signal-to-noise ratio	48db (AGC OFF)
OSD function control	Main menu: Camera-ID no., Language selection, Camera titel/text, Colour/B&W switching, Sharpness, Hor. mirror function, Positive/Negative switching. Focus: Mode, Autofocus, Object distance, Zoom end positions/speed. AWB: White balance indoor/outdoor, Red/Blue contrast, Automatic control. AE: Mode, Brightness, Flickerless, Shutter, Iris, AGC control. Day&Night: Mode (Automatic, Day or Night), IR Filter (Brightness level/Delay), IR LED ON/OFF. BLC: Automatic or manual. Motion: Mode, Detecting area, Sensitivity, Alarm display/output via
Menu driven set-up	ON/OFF switchable
Menu languages	English and Korean
Serial port	RS-485 (Pelco D protocol)
Text display	10-digit
Backlight compensation (BLC)	Manual and Automatic, ON/OFF switchable
Zoom range	F1.6/F3.8 ~ 70/3.5 ~ 91mm (26x Zoom)
Digital Zoom	2x ~ 10x
Horizontal angle of view	Wide angle: 55°; Tele end: 2.2°
Minimum object distance (MOD)	Wide angle: 10cm; Tele end: 1.0m
Filter screw size	-
Iris control	Auto iris controlled
External adjustments	Menu: ON/OFF; Focus: Near/Far; Zoom: T/W
Video output	1Vp-p, (C)VBS, 75ohms
External connections	Video (BNC), 12VDC Power input, 6-pin RS-485 Serial interface socket
Camera mount	Mounting socket with 1/4" - 20 UNC thread
Supply voltage	12VDC (±0.5V)
Power consumption	4.2W max.
Temperature range	-10° to +50°C
Humidity range	10% ~ 85% non-condensing
Dimensions (HxWxD)	See drawing
Housing	Plastic
Colour	Silver grey
Weight	Approx. 300g
Parts supplied	Camera, Manual

Accessories

77779 / VT-PS12DC-UK	Power Supply Unit w. UK Mains plug-in, 100-240VAC/12VDC-1.0A, Regul., open Ends
70688 / WD-18	Wall Mount with Ball Joint, 1/4" Camera Fixing Screw, Beige Grey

VKC-1417/IR	

(Accessories continued)

77772 / VT-PS12DCDT	PSU 12VDC/0,5A, Regulated, Desktop Version, 1.8m Cable each w. open ends
70448 / VT-PS12DC-6	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. Open Ends
73743 / KBD300A	System Keyboard with Joystick for Pelco Matrix Switchers CM6700/6800 and Esprit
70697 / WD-21/RAL9006	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, RAL9006
70771 / WD-23	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Pantone 877
73744 / KBD200A	System Keyboard for Pelco Matrix Switchers CM6700/6800 and Esprit Systems

92.8 9.4

60

60

Maße/Dimensions: mm

VIDEO
T(▲)
(◄)F MENU N(►)
W(▼) CONTROL
+ DC12V − Class 2 Only

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