

# VKCD-13120F2810IR

Home | Security | Domes | Fixed

VKCD-13120F2810IR  
1/3" Dome, Day&Night, WDR, Effio P, 2.8-10mm,  
700TVL, IR-Illumination, 12/24V, IP68

**Art-Nr. 201286**



SLD Security &  
Communications

## Main Features

1/3" Sony Effio-P double scan (960H)	Dynamic (light) intensity control (DIC)
Built-in lens F1.2/2,8-10mm with DC iris control	Exact focus setting aid
Sensitivity of 0,1 Lux (F1.2 / colour)	IR illumination by 30 integral 850nm LEDs
Removable IR cut filter	Surface or flush mounting with clear bubble
Digital noise reduction 2&3DNR	Weatherproof camera, protection rating: IP68/IK10
Wide Dynamic Range (WDR)	Supply voltage: 12VDC/24VAC

## Specifications

Series	eneo Callisto
System	True Day&Night
Video standard	CCIR/PAL
Sensor size	1/3"
Imager	CCD, Sony Effio-P double scan (960H)
Active picture elements	976(H) x 582(V) pixels
Horizontal resolution	700 TVL
Signal-to-noise ratio	52db
Sensitivity	0,1 Lux, (colour), 0.03Lux (B&W) at F1.2 (measured), 50 IRE
Automatic gain control (AGC)	automatic (with manual override)
Exposure modes	automatic, shutter priority, iris priority, manual
Automatic electronic shutter (ESC)	1/53 - 1/10.000sec.
Manual electronic shutter (MES)	1/53 - 1/10.000sec.

# VKCD-13120F2810IR

(Continuation Specifications)

Low speed shutter	yes, 2x ~64x
Digital Noise Reduction (DNR)	yes, 2D & 3D
Backlight compensation	BLC, HS BLC (eclipser)
Wide Dynamic Range (WDR)	WDR
White balance	ATW, push, manual, push lock, Anti CR, user defined
Blemish compensation	pixel compensation ON/OFF selectable
Aperture Correction (APC)	horizontal and vertical
Flickerless function	yes
IR cut filter	switchable
Day/Night switching	day, night, auto, extern (Sensor)
Privacy zones masking	up to 15 zones (Tilt, Color, Transparency, Mosaic)
Menu languages	English, German, French, Italian, Spanish, Polish, Japanese
OSD function control	AGC, motion detection, DNR, brightness, sharpness, shutter control, H/V flip (mirror picture), day&night, privacy zones, white balance
Text display	camera title
Activity detection	yes
Motion detector	4 zones, ON/OFF switchable
Mirror function	V flip, H-flip, H/V flip
Digital zoom	yes
Analysis functions	activity detection
Auto exposure	Automatic/Manual/flimmerfree/AGC
Lens type	varifocal
Focal length	2,8 mm - 10 mm
Horizontal angle of view	81,2° - 27°
MOD (Minimum object distance)	0,5 m
Aperture range (F)	F1.2
External adjustments	menu
Video outputs	composite (CVBS)
Alarm inputs	no
Alarm outputs	no
e-PTZ support	no
Rotation range	+/-165°
Vertical tilt range	65° (25° ~90°, ceiling as reference)
Illumination	infrared, 30x IR-LEDs 850nm, 60°
Illumination range	approx. 40m
External connections	RS-485, voltage input, video (BNC)
Serial interfaces	RS-485
Serial interfaces protocols	Pelco D, Coaxitron
Housing	outdoor, dome
Housing material	aluminium

# VKCD-13120F2810IR

(Continuation Specifications)

<b>Colour (bubble)</b>	clear
<b>Colour (housing)</b>	Pantone 7541
<b>Heater</b>	yes
<b>Blower</b>	no
<b>Mounting</b>	wall mount, ceiling mount, flush mount
<b>Supply voltage</b>	12VDC, 24VAC, (+/-15%) 50Hz
<b>Power consumption</b>	6.5W
<b>Temperature range (operation)</b>	-50°C ~+50°C
<b>Protection rating</b>	IP68
<b>Vandalism resistant</b>	yes
<b>Dimensions (HxWxD)</b>	119x140
<b>Weight</b>	1.0kg
<b>Parts supplied</b>	manual, allen key, screw set, Video sub-out cable, drilling template
<b>Certificates</b>	CE, IK10
<b>Special features</b>	Exact focus setting aid, Digital image stabilizer

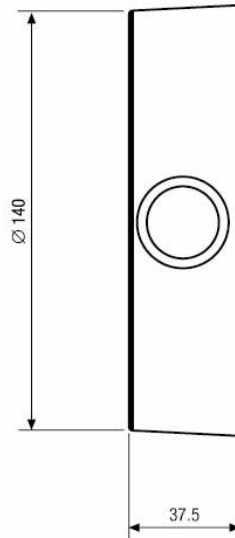
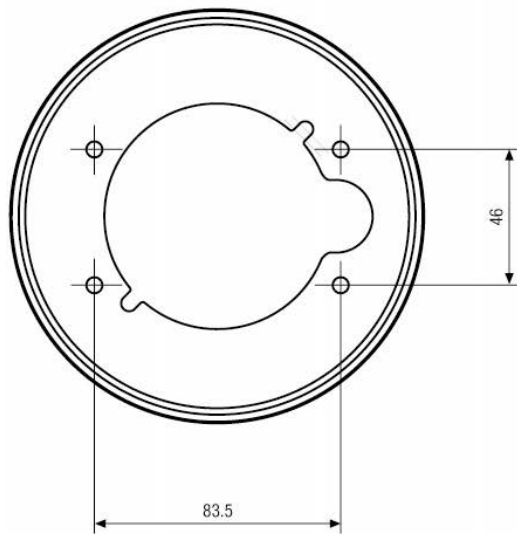
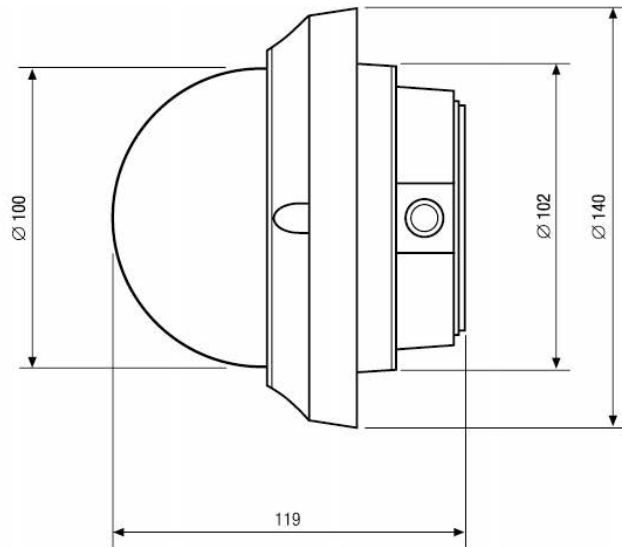
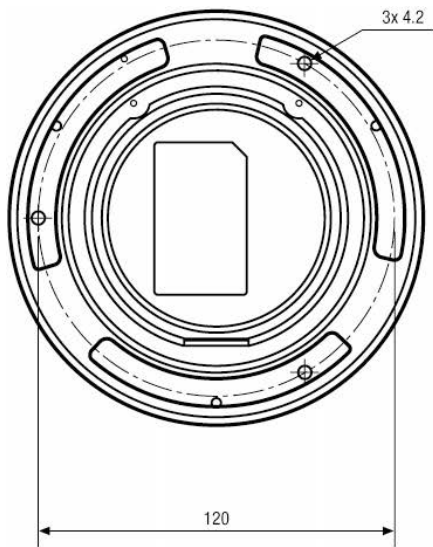
## Optional accessories

<b>203658</b>	<b>VT-PS12DC-11</b>	Plug-in Power Supply Unit, 100-240VAC/12VDC (1.0A), Regulated, with DC Plug
<b>202642</b>	<b>DOME-WB1</b>	Wall Bracket for eneo Callisto Dome Line
<b>203617</b>	<b>RM-1000</b>	Coaxitron Remote Controller, BNC IN / OUT, Cabel

# VKCD-13120F2810IR

Home | Security | Domes | Fixed

## Technical drawing



Maße/Dimensions: mm

SLD Security & Communications  
The Old Forge, Ockham Lane, Ockham, Surrey GU236PH England  
Phone +44.1483225633 · Fax +44.1483225634  
sales@sld.co.uk · www.sld.co.uk

