



## HDC-2180Z03 D

Article number: 212199

1/3" HD-SDI Camera, WDR, Day&Night, 1920x1080, 3x AF Zoom, 9-22mm, 12/24V

### Mainfeatures

1/3" 2.0 MP progressive scan CMOS sensor

1.5G HD-SDI video transmission via coax

Optical 2.4x auto focus zoom, 32x digital

Removable IR cut filter

3D-DNR noise reduction, Defog function

Resolution max. 1920 x 1080 (Full HD)

EX-SDI (270Mbps) Advanced HD signal range

9~22mm day&night lens

Real time WDR (Wide Dynamic Range) 25/30fps

External input for day/night switching

### Specifications

#### Camera:

Sensor size	1/3"
Resolution pixels	1920x1080\$
Imager	CMOS, Panasonic, MN34229PLI, 2MP Sensor
System	True Day&Night
Sensitivity	0,35 Lux, at F1.6, 40IRE
Low speed shutter	yes, 2x ~ 32x
Manual electronic shutter (MES)	1/25~1/60000sec.
Wide Dynamic Range (WDR)	WDR 113dB, D-WDR, Real Time WDR 25/30fps
Flickerless function	yes
Backlight compensation	BLC, HLC
IR cut filter	switchable
Automatic electronic shutter (ESC)	1/25~1/60000sec.
White balance	ATW, ATW extended, manual, one push

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## Continued Specifications

Signal-to-noise ratio	-50 db
<b>Video:</b>	
Signal format	HD-SDI (1.485 Gbps), EX-SDI (270 Mbps)
Resolution	1920x1080 (16:9), 1280x720 (16:9)
Frame rate	1080 @ 25/30p, 720 @ 25/30p
<b>Lens:</b>	
Lens type	auto focus zoom
Focal length	9 - 22 mm
Digital zoom	5x
Aperture range (F)	F1,6~F2,3
Filter screw size	not available
Horizontal angle of view	33 - 14 °
Active picture elements	1944(H) x 1092(V)
<b>Features:</b>	
Motion detector	yes
e-PTZ support	no
OSD function control	AGC, motion detection, DNR, shutter control, H/V flip (mirror picture), Rotation, day&night, privacy zones, white balance
Menu languages	English, Japanese, German, French, Italian, Spanish, Turkish, Polish
Privacy zones masking	ON/OFF switchable
Mirror function	V flip, H-flip, H/V flip
Digital Noise Reduction (DNR)	2D-DNR, 3D-DNR
<b>Interfaces / Inputs / Outputs:</b>	
Video outputs	EX-SDI, HD-SDI, Composite (SUB- OUT)
Serial interfaces protocols	Pelco D, Pelco P
<b>General:</b>	
Series	eneo Candid Box
Dimensions (HxWxD)	72x74x89mm
Illumination	no
Colour (housing)	Pantone Cool Gray 1C
Housing	indoor
Housing material	aluminium
Weight	340g
Power consumption	8W, 4.0W
Protection rating	-
Hidden cable management	no
Supply voltage	(+/-15%) 50Hz, 12VDC(11VDC-30VDC), 24VAC
Supply voltage	12VDC(11VDC-30VDC), 24VAC
Temperature range (operation)	-10°C ~ +50°C
Text display	camera title
<b>Scope of delivery:</b>	
Parts supplied	manual

## Special features

Smart Motion Zoom--Zoom on defined ROI on motion








Pointing Zoom -- enables the flexible zooming at any area

Freeze (adjustable positions)

COLOR D / N Fixed color mode, optimized for applications with white light illumination

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## Available Accessories

Image	Prod. No / Label	Description
	200817 / HDA-1004D	Distributor HD-SDI, 1 x HD-SDI Input, 4 x HD-SDI Outputs
	203658 / VT-PS12DC-11	Plug-in Power Supply Unit, 100-240VAC/12VDC (1.0A), Regulated, with DC Plug
	70688 / WD-18	Wall Mount with Ball Joint, 1/4" Camera Fixing Screw, beige Grey
	70769 / WD-22	Wall Mount Bracket with Ball Joint, 1/4" Camera Fixing Screw, Beige Grey
	210224 / HDA-2002EC	Extender/Converter 1 x HD-SDI Input, 1 x HDMI Output
	211257 / HDA-3000E	HD Extender, HD-SDI, EX-SDI, 12V
	214403 / HAM-4DC1004M0A	Distributor HD-SDI, 1x HD-SDI Input, 4x HD-SDI Output

## Your Contact Person

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