



## HDB-1080Z03IR

Article-No.: 204829

1/2.9" HD-SDI Camera, WDR,  
Day&Night, 1920x1080, IR-LED,  
3x Auto Focus Zoom, 12/24V

### Mainfeatures

1/2.9" 2.0 MP progressive scan CMOS sensor  
1.5G HD-SDI video transmission via coax  
3-9mm day&night lens  
WDR, 2&3DNR noise reduction  
IP68, built in fan, Window defrosting

Resolution max. 1920 x 1080 (Full HD)  
Optical 3x auto focus zoom, 32x digital  
Removeable infrared cut filter  
Integral motion detection  
IR LED illumination (28 LEDs 850nm)

### Specifications

Series	eneo Candid Small
System	True Day&Night
Sensor size	1/2,9"
Imager	CMOS
Imager	Sony Exmor
Active picture elements	1936(H) x 1097(V)
Signal-to-noise ratio	-50 db
Resolution	1920x1080 (16:9), 1280x720 (16:9)
Frame rate	1080 @ 25/30p, 720 @ 50/60p
Sensitivity	0,5 Lux
Sensitivity	(Colour) 0,1Lux (SW)
Exposure modes	automatic, manual, iris priority, shutter priority
Low speed shutter	yes
Low speed shutter	2x ~ 8x
Digital Noise Reduction (DNR)	yes
Digital Noise Reduction (DNR)	3D NR
Flickerless function	yes

## Specifications (continued)

Mirror function	V flip, H-flip, H/V flip
White balance	automatic, ATW, manual, Preset, ATW extended
Backlight compensation	BLC, HLC
Wide Dynamic Range (WDR)	WDR, D-WDR
IR cut filter	switchable
Video outputs	HD-SDI (BNC) SMPTE 292M standard, composite control out
Lens type	auto focus zoom
Focal length	3 mm - 9 mm
Aperture range (F)	F1.2-F2.1
e-PTZ support	no
Digital zoom	2x - 32x
Horizontal angle of view	71,57° - 27,02°
Filter screw size	not available
Illumination	infrared
Illumination	28x LED 850nm,
Illumination range	approx. 25m
Menu languages	English, Japanese, German, French, Italian, Spanish, Polish
OSD function control	AGC, motion detection, DNR, shutter control, day&night, privacy zones, white balance
Text display	camera title
Activity detection	yes
Privacy zones masking	ON/OFF switchable
Serial interfaces	RS-485
Serial interfaces protocols	Pelco D, Pelco P, Visca
External adjustments	menu
External connections	RS-485, voltage input, HD-SDI BNC output
Mounting	wall mount, ceiling mount
Temperature range (operation)	-20°C ~ +50°C
Housing material	aluminium
Housing	outdoor, bullet
Integrated wall mount	yes
Hidden cable management	yes
Sunshield	no
Window heater	yes
Colour (housing)	Pantone 7541
Vandalism resistant	no
Protection rating	IP67
Alarm inputs	no
Alarm outputs	no
Supply voltage	12VDC, 24VAC
Supply voltage	(+/- 15%) 50Hz
Power consumption	10.5W
Dimensions (HxWxD)	76x70x218
Weight	0,94kg
Parts supplied	manual, screw set, Video sub-out cable, mounting plate, allen key

## Specifications (continued)

Remarks	IR illumination ON / OFF switchable( mechanical switch), Operating temperature range of the camera changes when IR illumination is switched OFF
Special features	SRIC" (Signal Related IR Control).
Certificates	CE

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