



HDB-2080Z03IR

Article-No.: 204297

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, Window defrosting function
4 high power LEDs 855nm

Resolution max. 1920 x 1080 (Full HD)
Optical 3x auto focus zoom, 32x digital
Removeable infrared cut filter
Integral motion detection
Integral IR LED illumination
Easy installation, central locking screw

Specifications

Series	eneo Candid Medium
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

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	4x High Power LEDs 855nm, 53°
Illumination range	approx. 50m
Menu languages	English, Japanese, German, French, Italian, Spanish, Polish
OSD function control	AGC, motion detection, DNR, shutter control, H/V flip (mirror picture), Rotation, day&night, privacy zones, white balance camera title
Text display	yes
Activity detection	4 zones, ON/OFF switchable
Motion detector	32 zones masking
Privacy zones masking	RS-485
Serial interfaces	Pelco D, Pelco P, Visca
Serial interfaces protocols	menu
External adjustments	RS-485, voltage input, HD-SDI BNC output
External connections	wall mount, ceiling mount
Mounting	-20°C ~ +50°C
Temperature range (operation)	aluminium
Housing material	outdoor, bullet
Housing	yes
Integrated wall mount	yes
Hidden cable management	yes
Sunshield	yes
Window heater	yes
Colour (housing)	Pantone 7541
Vandalism resistant	no
Protection rating	IP68
Alarm inputs	no
Alarm outputs	no
Supply voltage	12VDC, 24VAC
Supply voltage	(+/- 15%) 50Hz
Power consumption	10W
Dimensions (HxWxD)	100x107,8x277mm
Weight	1.35kg
Parts supplied	manual, screw set, allen key, mounting plate, Video sub-out cable
Special features	SRIC" (Signal Related IR Control).

Specifications (continued)

Certificates

CE

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