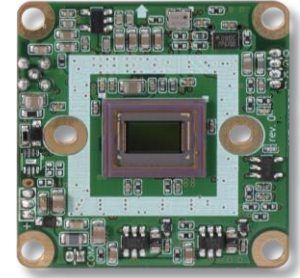


Product Features

- Low light performance by Sony STARVIS-2 technology
- ePTZ (Digital, Pan, Tilt, & Zoom)
- CLEAR HDR Technology
- Low-latency video transmission
- VISCA control



Technical Specifications

Electrical

Image Sensor	1/2.8" Sony STARVIS-2 IMX662 Sensor	
Effective Pixels	1965 (H) x 1113 (V) = 2.18 MP	
Video Resolution	HD	1920x1080i 60/50 fps, 1920x1080p 30/25/24 fps, Scaled 1280x720p 60/50 fps or 30/25 fps
	CVBS	720x480i 60 fps, 720x576i 50 fps, 16:9/4:3 ratio
Min. Illumination	0.04 lux @ Color	
Video Output	Digital	HD-SDI/EX-SDI(1.0/2.0) selectable
	Analog	AHD, TVI, CVI, CVBS
DSS (Digital Slow Shutter)	Yes, 2x ~ 32x	
Communication	Visca via RS-485, UTC from DVR, OSD via control board	
Power Supply	12 VDC	

Parameter Controls

DC	Indoor/Outdoor/Deblur
Focus Assist	On/Off
Exposure	Brightness/Shutter/Sens-up/AGC
Backlight	Off/HLC/BLC/HDR
Day & Night	Day/Night/Auto
Color	White Bal/Color Gain
3D-NR	Off/Low/Middle/High
Image	Sharpness/Gamma/Mirror/Flip/D-WDR/Defog/Shading/Dzoom Mode/Privacy
Motion	Off/On
System	Output/Frame Rate/TV System/CVBS Format /Language/Cam Title/Comm/Factory Reset
Shutter Speed	1/30 ~ 1/30000 fps
White Balance	Auto/Autoext/Preset/Manual
Sharpness	0 ~ 10 steps
D-WDR	Low/Middle/High/Off
Dzoom Mode	ePTZ/Dzoom
Frame Rate	1080 60i, 1080 30p, 720 60p (Scale Down), 720 30p
TV System	NTSC/PAL
Language	ENG/CHN(S)/CHN/JPN/KOR/GER

Part Numbering and Ordering Information

Base part number : 202-ESHSAHCV-662-xyzq

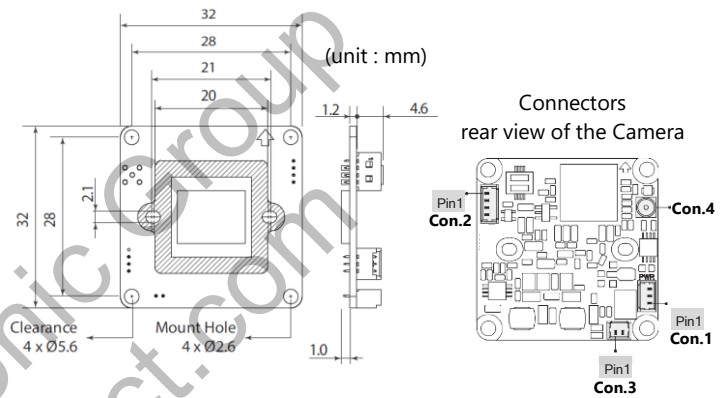
Option **x**: Lens mount 0 = none, 2=M-12 standard lens mount

Option **y**: Spectrum C = color

Option **z**: Filters 0 = No IR-CUT filter, 1 = IR-Cut filter

Option **q**: CVBS output N = NTSC, P = PAL

Example: 202-ESHSAHCV-662-2C1N = Base camera with M-12 standard lens mount, IR-Cut filter and NTSC CVBS output



Mechanical

Dimensions WxHxD	32 mm x 32 mm x 6.8 mm (1.26 " x 1.26 " x 0.27 ")
Weight	6 g (0.21 oz)

Connectors

Pin	Con.1 (Molex 53047-0310)	Pin	Con.2 (Molex 53047-0410)
1	+12V	1	Secondary VIDEO OUT (CVBS only)
2	GND	2	GND
3	VIDEO OUT (HD-TVI/AHD/CVI/CVBS)	3	AD-KEY INPUT
		4	Not used

Pin	Con.3 (Molex 53047-0210)	Pin	Con.4 (Seoul Telcom S396-121-E)
1	RS-485+		MMCX VIDEO OUT (SDI)
2	RS-485-		

Optional accessories

60ZRC08	OSD Control Board
60C1200	Power/CVBS/HD-SDI cable (For connectors 1 and 2)

Spectral Response Chart

