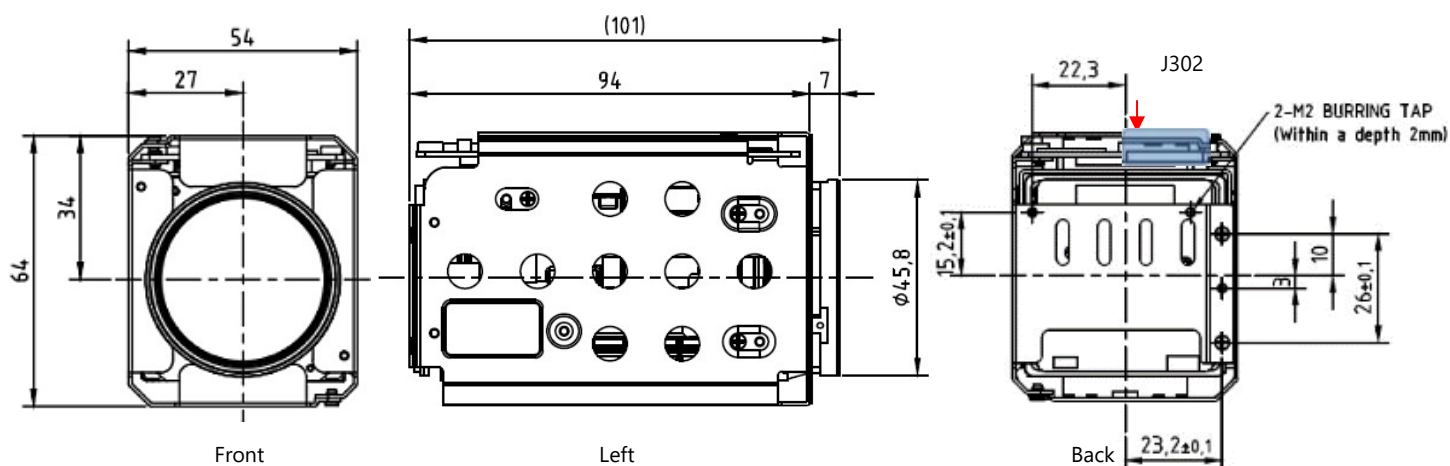


Product Features

- Low light performance
- Sony STARVIS-2 technology
- Electronic Image Stabilization
- Digital Noise Reduction
- Day & Night Mode



Dimensions and Connectors



J302 (YEONHO 05002HR-24J05)

01 DC IN	11 GND	21 TF_DAT1	31 GND
02 DC IN	12 LED_EXT	22 UART0_TXD	32 AD_KEY
03 DC IN	13 CDS_IN	23 UART0_RXD	33 RESET
04 GND	14 ALARM_OUT	24 RS485_DIR	34 LINK#
05 GND	15 ALARM_IN	25 TF_DET	35 ACT#
06 CVBS	16 TF_DAT2	26 UART7_TXD	36 GND
07 GND	17 TF_DAT3	27 UART7_RXD	37 TPRX-
08 LINE_OUT	18 TF_CMD	28 GND	38 TPRX+
09 GND	19 TF_CLK	29 NC	39 TPTX-
10 LING_IN	20 TF_DAT0	30 NC	40 TPTX+

www.videologyinc.com

HEADQUARTERS LOCATION

Videology Industrial-Grade Cameras
35 Hampden Road
Mansfield | MA 02048 United States

EUROPE LOCATION

Videology Industrial-Grade Cameras
High Tech Campus 5
5656 AE Eindhoven | The Netherlands



Technical Specifications

Imaging

Image Sensor	1/2.8" SONY STARVIS-2 Sensor IMX675
Sensor Resolution	2560 (H) x 1440 (V) 3.7 MP
Scan Mode	Progressive Scan
Sync. System	Internal
Video Resolution	Digital 1440p 30/25 fps, 1080p 30/25 fps, 720p 30/25 fps
	Analog > 700 TVL (NTSC/PAL)
Min. Illumination	1/30 s Color: 87.3 dB : 0.02 lux, B&W: 87.3 dB : 0.002 lux
	DSS 1/1 s Color: 87.3 dB : 0.002 lux, B&W: 87.3 dB : 0.0002 lux
Video Output	Digital : Ethernet 10/100 Mbps Analog : CVBS
Signal to Noise Ratio	> 50 dB (AGC off)
Communication	Visca/Pelco-D/Pelco-P
Electronic Image Stabilization	On/Off

Parameter Controls

Focus	Auto/One push/Manual/Auto-ext
Distance Presets	0.1/1.0/3.0/5.0/10.0 m
Zoom	Optical 40x
	Digital Off/up to 32x
	Speed 0 (Slow) ~ 7 (Fast)
Exposure	Auto/Iris Priority/Shutter Priority/Manual
Gain Control (AGC)	0 ~ 10 steps
Shutter Speed	1/30 ~ 1/40,000 sec
Iris	F20 ~ F1.5
Digital Slow Shutter	Off/2x/4x/8x/18x/32x
Brightness	0 ~ 14 steps
WDR	LOW/MIDDLE/HIGH
Optical filter	D&N Day/D&N Night/D&N Auto/D&N Ext-in/Optical defog
White Balance	Auto/One push/Manual/Indoor/Outdoor/Auto-ext
HLC	0 ~ 20 steps
DNR	2D/3D, 2D+3D
Mirror/Flip	Off/On
Edge Enhancement	0 ~ 15 steps
Adaptive Contrast Enhancer	Off/Low/Middle/High
Defog	Off/On (Auto/Manual)
Privacy Mask	Off/8 Positions
Motion Detection	Off/4 Positions
OSD	Date & Time, Custom text

Electrical

Power Supply	9 VDC to 15 VDC
Current Consumption	Max 560 mA (12 VDC)

Mechanical

Dimensions WxHxD	54 mm x 64 mm x 101 mm (2.13 " x 2.52 " x 3.98 ")
Weight	355 g (12.52 oz)

Environmental

Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)
Storage Temperature	-20 °C ~ +60 °C (-4 °F ~ 140 °F)

Lens

Lens Type	40x Day/Night Zoom Lens
Zoom Ratio	Optical 40x, Digital 32x
Focal Length	f = 4.25 mm ~ 170 mm
Aperture Ratio	F1.6 (Wide) ~ F4.95 (Tele)
Angle of View (DxHxV)	Wide 73.80° 66.35° 39.98°
	Tele 2.16° 1.90° 1.11°

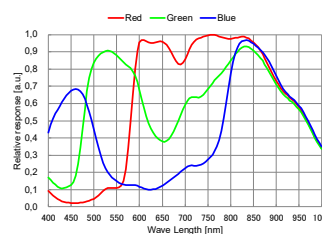
Network

Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265, H.264
Bit Rate	640Kbps ~ 16Mbps CBR, VBR, CVBR Support
Streaming Capability	Up to 4 streams
ONVIF	Profile S, T
Audio	Line In/Line Out, Bi-directional audio
Security	SHA-256, MD5 digest/IPtables (IP filtering)/TLS

Accessories

Control Board (P/N: IP-JIG)	IP JIG interface board with FFC cable and spacers
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Spectral Response Chart



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