



Videology®

Industrial-Grade Cameras

an inTEST Company

2.13MP 10x

Auto Focus Zoom Camera

with EX-SDI, HD-SDI, AHD, CVBS & WDR

24Z2.1W-10X-EXSDI-462 Preliminary

Product Features

- 1/2.8" 2.13MP Sony STARVIS Image Sensor
- 1080p / 720p 60/ 50/ 30/ 25fps
- Auto Focus Zoom
- 10x Optical Zoom, 32x Digital Zoom
- 5 Zoom Presets
- Real Time True WDR
- Digital Noise Reduction
- Extended SDI
 - Transmissions to 500m (1650 ft)
 - Full HD digital format using standard cabling - coax, cat5/6
 - Latency <1 fps.
 - Power & control over same cable
- HD-SDI, EXSDI
- CVBS analog video output



Technical Specifications

Electrical

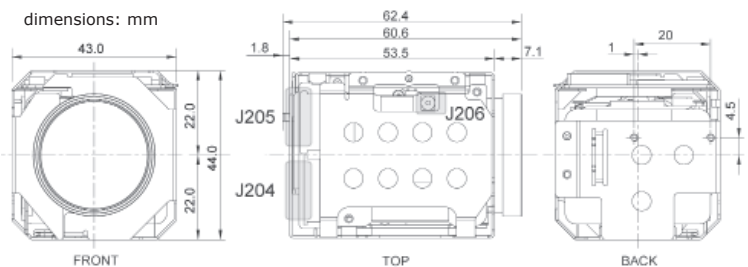
		24Z2.1W-10X-EXSDI-462
Image Sensor		1/2.8" SONY STARVIS sensor IMX462LQR-C
Total Pixels		1945 (H) x 1109 (V) 2.16MP
Active Pixels		1945 (H) x 1097 (V) 2.13MP
Scan Mode		Progressive
Sync. System		Internal
Resolution	Digital	1080p, 720p (60/ 50/ 30/ 25 fps)
	Analog*	>700 TVL (NTSC/PAL)
Min. Illumination	1/30s	Color: 0.003 lux, B&W: 0.0004 lux
	DSS 1/8s	Color: 0.00075 lux, B&W: 0.0001 lux
Video Output		EX-SDI/ CVBS analog*/ HD-SDI/ LVDS opt. model
Signal to Noise Ratio		50dB (AGC off)
Communication		Visca / Pelco-D / Pelco-P
Power Supply		9VDC to 15VDC
Current Consumption		400mA

Parameter Controls

Focus		Auto/ Trigger/ Manual
Distance Presets		0.1m/ 1.0m/ 3.0m/ 5.0m/ 10.0m
Zoom	Optical	10x
	Digital	Off/ up to 32x
	Presets	5
Exposure		Auto/ Iris Priority/ Shutter Priority /Manual
Gain Control (AGC)		Off/ On
Shutter Speed		Auto 1/30 (NTSC), 1/25 (PAL)-1/30,000 sec.
Iris		0 ~ 20 steps
Digital Slow Shutter		Off / x2 / x4 (x8 60 or 50 fps mode only)
Brightness		0 ~ 20 steps
WDR / BLC		Off/ WDR/ BLC
Day & Night (Passive)		Auto/Day (color)/ Night (B/W)/ External Input
White Balance		Auto/ Push to Set/ Manual/ Indoor/ Outdoor
HLC		Off/ On/ Night Only
DNR		Auto/ Off/ Low/ Middle/ High
Mirror/Flip		Off/ H (mirror)/ V (flip)/ H&V
Edge Enhancement		0 ~ 10 steps
Adaptive Contrast Enhancer		Off/ Low/ Middle/ High
Defog		Off/ On (Auto/ Manual)
Privacy Mask		Off/ 24 Positions
Motion Detection		Off/ 3 Positions
Pixel Detection		Off/ On

*Operates concurrently if WDR mode is off.

dimensions: mm



J206 MMCX

- 01 HD-SDI default
- 02 GND

J205 FPC ZIF 1MM 9POS

- 01 Rx/D
- 02 Tx/D
- 03 GND
- 04 DC+12V
- 05 GND
- 06 CVBS-OUT
- 07 GND
- 08 Reserved
- 09 GND

J204 FPC FFC 0.5 MM 24POS

- 01 GND
- 02 Tx/D
- 03 Rx/D
- 04 Reserved
- 05 GND
- 06 Reserved
- 07 GND
- 08 ADKEY
- 09 IR-ON
- 10 D/N-IN
- 11 EX-SDI ON
- 12 MD-OUT
- 13 485-DIR
- 14 F/W_SEL
- 15 GND
- 16 +5V_OUT
- 17 GND
- 18 CVBS-OUT
- 19 GND
- 20 DC 12V
- 21 DC 12V
- 22 DC 12V
- 23 DC 12V
- 24 DC 12V

Environmental

Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (04°F ~ 140°F)

Mechanical

Dimensions WxHxD	43mm x 44mm x 62.4mm (1.69" x 1.73" x 2.46")
Weight	112g (3.95oz)

Lens

Lens	Lens Type	10x Day/Night (passive) Zoom Lens
	Zoom Ratio	Optical 10x, Digital 32x
	Focal Length	f = 5.1mm ~ 51mm
	Aperture Ratio	F1.6 (Wide) ~ F1.8 (Tele)
	Field of View (DxHxV)	Wide 64° 57° 34° Tele 7.1° 6.2° 3.5°

Accessories

Control Board		60MC0001
Transmitter/ Receiver Packages	Coax	60TR0001 (270MHz ver 1.0)
	UTP	60TR0004 (270MHz ver 1.0)
	UTC	60TR0003 (270MHz ver 1.0)
Repeater	Coax only	60RP0001 (270MHz ver 1.0)

See user guide for more details.

www.videologyinc.com

HEADQUARTERS LOCATION

Videology Industrial-Grade Cameras
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All data subject to change without notice.

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EUROPE LOCATION

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Every day. Every time.