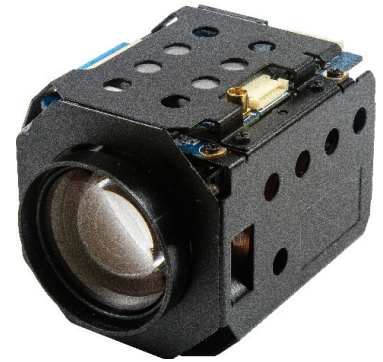


Product Features

- 1/3" 2.4 MP 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
- CVBS analog video output



Technical Specifications

Electrical		24Z2.1W-10X-EXSDI
Image Sensor		2.4 MP 1/3" format sensor
Total Pixels		1956 (H) x 1266 (V)
Active Pixels		1944 (H) x 1092 (V)
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: 0.5 lux, B&W: 0.1 lux
	DSS 1/7.5s	Color: 0.125 lux, B&W: 0.025 lux
Video Output		EX-SDI/ CVBS analog*/ HD-SDI/ LVDS opt. model
Communication		Visca / Pelco-D / Pelco-P
Power Supply		9VDC to 15VDC
Current Consumption		250mA

Parameter Controls

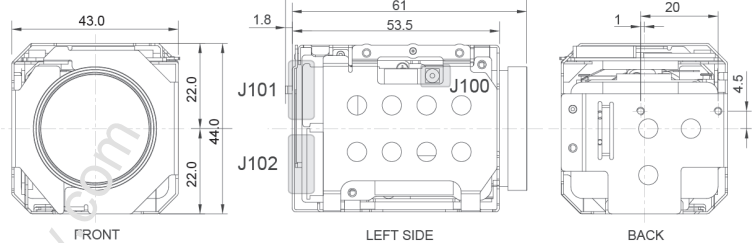
Focus		Auto/ Trigger/ Manual
Distance Presets		0.1m/ 1.0m/ 3.0m/ 6.0m/ 10.0m
Zoom	Optical	10x
	Digital	Off/ up to 32x
	Presets	5
Exposure		Auto/ Manual
Gain Control (AGC)		Off/ On
Shutter Speed		Auto 1/30 (NTSC), 1/25 (PAL)-1/30,000 sec. or 14 Fixed speeds
Iris		0 ~ 20 steps
Digital Slow Shutter		Off / 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

Environmental

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

*Operates concurrently if WDR mode is off.

dimensions: mm



J100 MMCX

HD-SDI default
EX-SDI via OSD control

J101 FPC ZIF 1MM 9POS

01 RxD	
02 TxD	
03 GND	
04 DC+12V	
05 GND	
06 CVBS-OUT	
07 GND	
08 Reserved	
09 GND	

J102 FPC FFC 0.5 MM 24POS

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

Mechanical

Dimensions WxHxD 43mm x 44mm x 62.8mm (1.69" x 1.73" x 2.47")

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 68° 54° 31° Tele 6.7° 4.9° 4.0°

Accessories

Control Board		60MC0001
Transmitter/ Receiver Packages	Coax	60TR0001
	UTP	60TR0002
	UTC	60TR0003
Repeater	Coax only	60RP0001

See application note for more details.