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**PRODUCT NEWS**

# ***FOculus IB Series***



**SMALL  
COMPACT  
EASY**

**in**

size  
features  
integration

**Monochrome and Color Cameras  
with  
Auto IRIS Lens Control**

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# PRODUCT NEWS

# FOculus IB Series

## Auto IRIS Lens Control



	FO124IB	FO124IC	FO323IB	FO323IC	FO423IB	FO423IC	FO432IB	FO432IC
Image Sensor	1/3" IT CCD ICX424AL / ICX424AQ		1/3" IT CCD ICX204AL/AK		1/3" IT CCD ICX445AL /445AK		1/2" IT CCD ICX267AL /267AK	
Effective pixel	330,000 pixel		800,000 pixel		1.250,000 pixel		1.450,000 pixel	
Picture Size	640 (H) x 480 (V)		1024 (H) x 768 (V)		1292 (H) x 960 (V)		1388 (H) x 1036 (V)	
Pixel Size	7.40 (H) x 7.40 (V) μm		4.65 (H) x 4.65 (V) μm		3.75 (H) x 3.75 (V) μm		4.65 (H) x 4.65 (V) μm	
Video Output Format	Y8, Y16	Y8, Y16, YUV422	Y8, Y16	Y8, Y16, 0YUV422	Y8, Y16	Y8, Y16, YUV422	Y8, Y16	Y8, Y16, YUV422
Frame Rate	60 fps 86 (Format7)	60 fps 86 (Format7)	30 fps 36 (Format7)	30 fps 36 (Format7)	15 fps 24.8 (Format7)	15 fps 24.8 (Format7)	15 fps 20 (Format7)	15 fps 20 (Format7)
Lens Mount	C- / CS- mount							
Scanning System	Progressive Scan							
Binning	2 x 2, 1 x 2 / B/W only							
Trigger	Edge							
	Mode							
	Source							
Strobe	Active High, Support Normal Mode or Trigger Mode (Optocoupler)							
Feature Save/Load	16 Channels (0:factory, 1~4; feature, 5~15:mode/feature)							
Control Function	Brightness, Sharpness, Auto-Exposure, Gamma, Shutter, Pan/Tilt, Gain, User defined AE, Auto-IRIS Control							
Shutter Speed	1 μs - 3600 s (Manual or Auto)							
Data Depth	12 bit							
Auto IRIS Lens Control	Support							
S/N Ratio	56 dB or better							
Transfer Rate	400 Mbps							
Gain	0 ~ 27 dB / 0~25 dB (Auto or Manual)							
Power Supply	+ 8 V DC to +30 V DC							
Operating Temperature	- 5°C to + 45°C							
Regulations	FCC, CE, RoHS							
Dimension	40 (W) x 40 (H) x 37 (D) mm							
Specification	IEEE1394.a acc. IIDC v1.31							
Advanced Feature	Partial Scan, opto-Isolated I/O, multi-camera, auto-sync., One-shot/Multi-shot							

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