

3.1.3. FO432B Specification

Features (FO432B)		
Image Sensor	1/2" Interline CCD(ICX205AL)	
Effective Pixels	1,450,000 pixels 1392(H) x 1040(V)	
Picture Size	1392x1040, 1280x960, 1024x768, 800x600, 640x480, 320x240	
Cell Size	4.65 um x 4.65 um	
Real Frame Rate	15, 7.5, 3.75, 1.875 20 (1392x1040, Format 7 mode 0) 35 (1392x520, Format 7 mode 0) 37(692x516, Format 7 mode 1 2x2 binning) 37(1388x516, Format 7 mode 2 1x2 binning)	
Lens Mount	C Mount	
Scanning System	Progressive System	
Binning	2x2, 1x2	
Format 7	Partial Scan (Unit: 4x4)	
Trigger	Edge	Rising Edge or Falling Edge
	Mode	0, 1, 2, 3, 4, 5, 12, 13, 14
	Source	External Trigger or Software Trigger
Strobe	Active High, Support Normal Mode or Trigger Mode	
Multi-camera auto sync	-144 us ~ +144 us at 15,7.5 frame rate	
Memory Save/Load	16 Channels(0:factory, 1~4:feature, 5~15:mode/feature)	
One-shot/Multi-shot	65535 Shots	
Control Functions	Brightness, Sharpness, Gamma, Auto-Exposure, Auto-Shutter, Pan/Tilt	
SIO(RS-232)	IIDC v1.31 version : Pass through or NET GmbH Command	
Frame Delay from Read-out	Min. 106us	
Digital Interface	IEEE 1394 1 port(6pin)	
Transfer Rate	400Mbps	
Gain	0 ~ 25 dB	
Shutter Speed	1 usec ~ 65 sec	
Data Depth	8 bit or 12 bit B/W	
S/N Ratio	56dB or better	
Supply Voltage/ power consumption	8 VDC ~ 30 VDC, Max 280mA @ +12VDC	
External Dimension / Weight	64(W) x 64(H) x 60(D) mm / Approx 300g	
Operation Temp. / Storage Temp.	-5°C to 45°C / -30°C to 60°C	
Camera Specification	IIDC 1394-based Digital Camera Specification v1.31	

Remark : Camera Specification described above may change without notice