

Small Progressive Scan B/W Camera series



FAB 9150 2.00million pixels UXGA
 1 1/1.8"CCD 2.00million pixels Progressive Scan
 2 Frame rate 15 f/s

FAB 9140 1.45million pixels SXGA
 1 1/2"CCD 1.45million pixels Progressive Scan
 2 Frame rate 15 f/s

FAB 9130 800K pixels XGA
 1 1/3"CCD 800K pixels Progressive Scan
 2 Frame rate 30f/s

FAB 9120 330K pixels VGA
 1 1/3"CCD 330K pixels Progressive Scan
 2 Frame rate : 60f/s, 30f/s
 3 2 : 1 Interlace

FEATURES

- 1 Electronic Shutter
- 2 Random Trigger
- 3 External Sync (HD/VD), External Trigger
- 4 High Frame rate Scan
- 5 Analog VS Output
- 6 Dimensions 29(W) × 29(H) × 29(L)
- 7 Weight 44g (approx)

	FAB 9150	FAB 9140	FAB 9130	FAB 9120		Remarks
Image Format	UXGA	SXGA	XGA	VGA		
Power Consumption	2.2 W Max			2.0 W Max		
Power Supply	DC 12V ±10%					
Pick Up.	Interline Progressive CCD					
Image Device.	1/1.8 inch CCD	1/2 inch CCD	1/3 inch CCD			
Effective Pixels	1628(H) × 1236(V)	1392(H) × 1040(V)	1034(H) × 779(V)	659(H) × 494(V)		
Pixels in Video Output	1620(H) × 1220(V)	1360(H) × 1040(V)	1024(H) × 772(V)	648(H) × 494(V)		
Horizontal Scanning Frequency	18.75 KHz	16.00 KHz	23.622 KHz	31.469 KHz	15.734 KHz	
Pixel frequency	36.000 MHz	28.636 MHz	30.000 MHz	24.545 MHz	12.272 MHz	
Video Output Signal	1 Vpp Analog Composit Signal					75□ terminus
Minimum Illumination	approx. 2.0 Lux			approx. 1.0 Lux	approx. 0.5 Lux	
Sensitivity	2000 Lux					F1.4 Gain max
	more than F16			more than F22		
S/N ratio	54 dB			56 dB		0dB
Color Temp.	3200 ± 50°K					
Gain	0dB, MANUAL (0dB ~ 12dB)					
Shutter	OFF, 1/120, 1/300, 1/600, 1/1250, 1/2500, 5000, 1/10000	OFF, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000	OFF, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/8000	OFF, 1/200, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/20000	OFF, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000	
Random Trigger Shutter	1/4 ~ 1/10000	1/4 ~ 1/10000	1/4 ~ 1/10000	1/4 ~ 1/20000	1/4 ~ 1/10000	
High Frame rate	30f/s, 60f/s, 90f/s	30f/s, 60f/s, 90f/s	60f/s, 120f/s, 180f/s	120f/s, 240f/s, 360f/s	60f/s, 120f/s, 180f/s	
Sync. System	External / Internal Sync manual change External Sync system : VS, Sync, HD / VD Random Trigger system : V Sync Reset					
Other Function	Binning	Binning / Monitoring		2 : 1 Interlace		
Lens Mount	C-mount					
Operating Temperature	0°C ~ +40°C (spec.guaranteed) temperature 20 ~ 80% -5°C ~ +45°C (operation.guaranteed) temperature 20 ~ 80%					with no dew
Weight	approx. 44g					
Dimensions	29(W)×29(H)×29(L)					except the protruding part