

CCD AREA SENSOR



■ CCD AREA SENSORS

	No. of pixels	TV standard		Model No.	Electronic shutter (s)	Resolution		Pixel size H × V (μm ²)	Sensitivity (mV) TYP.	Smear ratio (%) TYP.	Package		
						Horizontal TV lines	Effective pixels (H × V)						
1/3 type CCD area sensor	270 000	Color	NTSC	LZ2313H5	1/60 to 1/10 000	330	512 × 492	9.6 × 7.5	600	0.003	16WDIP (Ceramic) 1.78 mm pin-pitch		
		B&W	EIA	LZ2314HJ		380			800	0.003			
	320 000	Color	PAL	LZ2323H5	1/50 to 1/10 000	330	512 × 582	9.6 × 6.3	550	0.003			
		B&W	CCIR	LZ2324HJ		380			750	0.003			
	410 000	Color	NTSC	LZ2353B	1/60 to 1/10 000	480	768 × 494	6.4 × 7.5	350	0.006	16WDIP (Ceramic)*1 1.27 mm pin-pitch		
		B&W	EIA	LZ2354BJ		560			550	0.006			
	470 000	Color	PAL	LZ2363B	1/50 to 1/10 000	480	752 × 582	6.5 × 6.3	330	0.006			
		B&W	CCIR	LZ2364BJ		560			500	0.006			
1/4 type CCD area sensor	270 000	Color	NTSC	LZ2413B*	1/60 to 1/10 000	330	512 × 492	7.2 × 5.6	450	0.003	14WDIP*1 (Plastic) 1.27 mm pin-pitch		
				☆ LZ2413H*		330			600	0.002			
		B&W	EIA	LZ2414AJ		380			650	0.003			
				★ LZ2414HJ*		380			800	0.002			
	320 000	Color	PAL	LZ2423B*	1/50 to 1/10 000	330	512 × 582	7.2 × 4.7	400	0.003			
				★ LZ2423H*		330			550	0.002			
		B&W	CCIR	LZ2424AJ		380			600	0.003			
				★ LZ2424HJ*		380			750	0.002			
	410 000	Color	NTSC	LZ2453A*	1/60 to 1/10 000	480	768 × 494	4.9 × 5.6	220	0.01			
		B&W	EIA	★ LZ2454AJ*		560			310	0.01			
	470 000	Color	PAL	LZ2463A*	1/50 to 1/10 000	480	752 × 582	5.0 × 4.7	210	0.01			
		B&W	CCIR	★ LZ2464AJ*		560			300	0.01			
	1/5 type CCD area sensor	270 000	Color	NTSC	LZ2513*	1/60 to 1/10 000	330	512 × 492	5.8 × 4.5	220		0.006	14WDIP*1 (Plastic) 1.27 mm pin-pitch
			B&W	EIA	★ LZ2514J*		380			310		0.006	
320 000		Color	PAL	LZ2523*	1/50 to 1/10 000	330	512 × 582	5.8 × 3.8	200	0.006			
		B&W	CCIR	★ LZ2524J*		380			280	0.006			

B&W: Black and white

Color: Complementary color mosaic filter

* OFD voltage no adjust