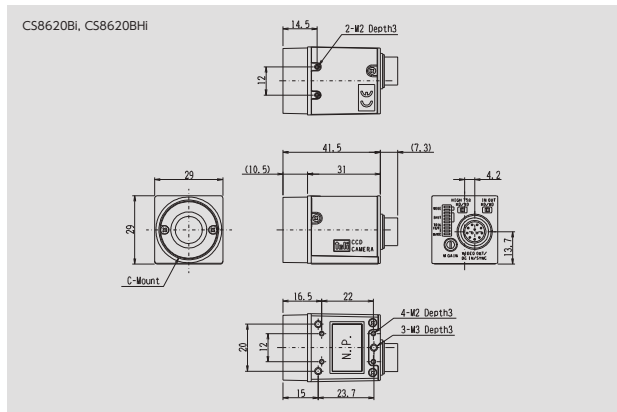


CS8620Bi/CS8630Bi CS8620BHi/CS8630BH



■ Dimensions



■ Features

Easy operation

- Clear image with high S/N ratio of 60dB.
- CS8620BHi/CS8630BH can capture in near infra-red range.

■ Specifications

B/W / COLOR	B/W			
Pixels	0.3M		0.4M	
Model Name	CS8560BD/CS8570D	CS8550Di/CS8550Di-50 CS8550i-01/CS8550i-51	CS8620Bi/CS8620BHi	CS8630Bi/CS8630BH
Interface	Analog			
Imager	CS8560BD: 1/3 type CCD (ICX424AL) CS8570D: 1/2 type CCD (ICX414AL)	1/3 type CCD (ICX424AL)	CS8620Bi: 1/2 type CCD (ICX418AL) CS8620BHi: 1/2 type CCD (ICX428AL)	CS8630Bi: 1/3 type CCD (ICX408AL) CS8630BH: 1/3 type CCD (ICX258AL)
Active pixels	659(H) × 494(V) pixels		768(H) × 494(V) pixels	
Frame Rate	60 fps	CS8550Di/CS8550Di-50 60 fps CS8550i-01/CS8550i-51 30 fps	30 fps	
Scanning Area	CS8560BD 4.8(H) × 3.6(V) mm CS8570D 6.4(H) × 4.8(V) mm	4.8(H) × 3.6(V) mm	6.5(H) × 4.85(V) mm	4.8(H) × 3.6(V) mm
Pixel Size	CS8560BD 7.4(H) × 7.4(V) μm CS8570D 6.4(H) × 4.8(V) μm	7.4(H) × 7.4(V) μm	8.4(H) × 9.8(V) μm	6.35(H) × 7.4(V) μm
Electronic Shutter	Selectable via rear panel DIP SW Automatically changed by TRIG signal			
Scan Method	1/60 s Non-interlace mode 1/120 s Non-interlace mode	CS8550Di / CS8550Di-50 1/60 s Non-interlace mode 1/120 s 2:1 Interlace mode CS8550i-01 / CS8550i-51 1/30 s Non-interlace mode 1/60 s 2:1 Interlace mode	2:1 Interlace mode	
Resolution	485 TV lines (H) / 485 lines (V) (350 TV lines)			
S/N	52 dB (factory setting)		60 dB (p-p) / rms (typical) (GAIN MGC, γ=1.0)	
Standard Sensitivity	400 lx, F5.6	CS8550Di/CS8550Di-50 400 lx, F5.6 CS8550i-01/CS8550i-51 400 lx, F8	CS8620Bi 200 lx, F5.6, 3,100 K CS8620BHi 400 lx, F11, 3,100 K	CS8630Bi 200 lx, F5.6, 3,100 K CS8630BH 400 lx, F8, 3,100 K
Minimum Sensitivity	4 lx, F1.4 (Gain MAX, Video level 50%)	CS8550Di / CS8550Di-50 4 lx, F1.4 (Gain MAX, Video level 50%) CS8550i-01 / CS8550i-51 2 lx, F1.4 (Gain MAX, Video level 50%)	CS8620Bi: 0.2 lx, F1.4 (Gain MAX, γ=0.45) CS8620BHi: 0.1 lx, F1.4 (Gain MAX, γ=0.45)	0.2 lx, F1.4 (Gain MAX, γ=0.45)
Gamma	γ=1.0		γ=1.0 / 0.45 selectable via rear panel DIP SW (factory setting: γ=1.0)	
Gain	FIX: factory setting MANUAL: Setting through GAIN VR (FIX / MANUAL switching via rear panel DIP SW)	MANUAL	MANUAL, AUTO	
TV System	Special format (Non-conforming to EIA)		Based on EIA standard	
Sync System	Internal / External automatic switch-over			
Image Output Format	All pixel readout / Partial-scan (1/2, 1/4, Programmable)		—	
Video Output	VS: 1.0 V (p-p) / 75Ω			
Power Supply	DC12 V ± 10% (ripple less than 50 mV (p-p))		DC12 V ± 10% (ripple less than 10 mV (p-p))	
Power Consumption	Approx. 1.5 W	CS8550Di / CS8550Di-50: Approx. 1.8 W CS8550i-01 / CS8550i-51: Approx. 1.3 W	Approx. 1.3 W	
Lens Mount	C - Mount			
Dimensions	29 (W) × 29 (H) × 26.5 (D) mm (Not including protrusion)	29 (W) × 29 (H) × 39.5 (D) mm (Not including protrusion)	29 (W) × 29 (H) × 31 (D) mm (Not including protrusion)	
Weight	CS8560BD: Approx. 41g CS8570D: Approx. 42 g	Approx. 50 g	Approx. 42 g	
Operation Assurance	Temperature: -5°C to 45°C Humidity: 10% to 90% (no condensation)	Temperature: -5°C to 50°C Humidity: 10% to 90% (no condensation)	Temperature: -10°C to 50°C Humidity: 20% to 80% (no condensation)	
Conformity	CE, FCC, RoHS, WEEE			