

CS8600i series CCD B/W CAMERA

■PRODUCT DESCRIPTION

This series is an integrated type B/W CCD camera having an ultra compact and lightweight body. Thanks to the miniaturization to the maximum, this model enables to fix to the places, which have been impossible to do with conventional models. We have a model having sensitivity in near-infrared region.

■Key Features

- Ultra-compact and light-weight body (29 x 29 x 30mm, Approx.50g).
- High resolution
- High S/N 60dB
- Electronic shutter
- AGC (Automatic Gain Control)
- Restart/Reset
- SS (Special shutter) and RTS (Random trigger shutter)
- Near-infrared region sensitivity (Model-H type only)
- External synchronization



■Specifications

	CS8620i	CS8620Hi	CS8630i	CS8620Ci	CS8620HCi	CS8630Ci
TV system	EIA			CCIR		
Image sensor	Interline CCD					
Active pixels	768(H) x 494(V)			752(H) x 582(V)		
Scanning lines	525 lines			625 lines		
Scanning frequency	Horizontal :15.734kHz, Vertical :59.94Hz			Horizontal :15.625kHz, Vertical :50.0Hz		
Sync system	Internal / External Automatic switch-over					
Scanning area	6.5(H) x 4.85(V) mm (1/2 type)		4.8(H) x 3.6(V)mm (1/3 type)	6.5(H) x 4.85(V)mm(1/2 type)		4.8(H) x 3.6(V)mm (1/3 type)
Illumination (Standard)	200 lx, F5.6	400 lx,F11	200 lx, F5.6	200 lx, F5.6	400 lx,F11	200 lx, F5.6
Illumination (Minimum)	0.2 lx,F1.4	0.1 lx,F1.4	0.2 lx,F1.4	0.2 lx,F1.4	0.1 lx,F1.4	0.2 lx,F1.4

Video output	VS: 1.0 V (p-p) / 75ohm	
Resolution	570TV lines (Horizontal)	560TV lines (Horizontal)
S/N	60 dB (Standard)	
Power source	DC 12V +/- 10 %	
Power consumption	Approx. 1.3W	
Lens mount	C-mount	
External dimension	29(W) x 29(H) x 31(D)mm	
Weight	Approx. 50g	