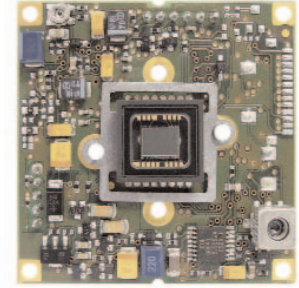


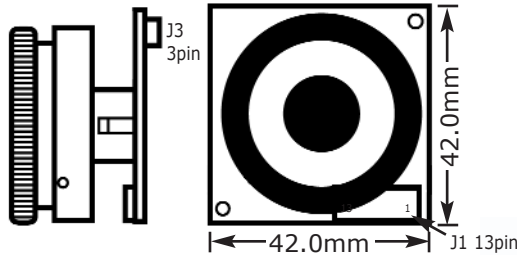


Camera Features

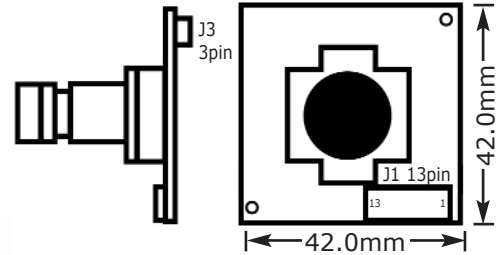
- High Resolution 570 TVL (<0.05 lux at 50 IRE [F1.2])
- High Dynamic Range
- External Synchronization - H&V Lock
- Interlaced/Non-Interlaced Scanning
- CS-Mount or M-12 Mount Integrated Lens



CS Mount Lens (20D309S)



M12 Board Mount Lens (20D306S)



Technical Specifications

Electrical

	20D306S 20D309S EIA	21D306S 21D309S CCIR
Image Sensor	1/3" IL Sony CCD, mounted on PCB	
Active Pixels (HxV)	768 x 494	752 x 582
Resolution	>570 TVL	
Sensitivity	<0.05 lux at 50 IRE (F1.2)	
Signal To Noise Ratio	> 50 dB	
Gamma	Default 0.45, selectable 1.0	
Gain	Automatic 32dB or manual via external DC voltage	
Synchronization	Internal	
Back Light Compensation	Default off/selectable on	
Shutter Speed	1/60 to <1/100,000 1/50 to <1/100,000 Fixed shutter speeds (8 settings selectable)	
Contour Enhancement	Default on/selectable off	
Iris Controls	Electronic, DC iris (via option board 60PB24VDL)	
Video Output	1Vp-p baseband video, 75 ohms	
Power Supply	Nominal 12V, 9-15V DC	
Power Consumption	<1.5W	

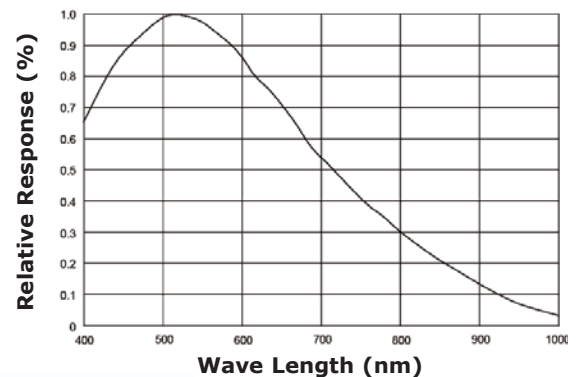
Environmental

Operating Temperature	-20° C ~ 55° C (-04° F ~ 131° F)
Storage Temperature	-25° C ~ 70° C (-13° F ~ 158° F)

Mechanical

Dimensions W x H x D	42mm x 42mm x 12.3mm (1.65" x 1.65" x 0.48")
Lens Mount	20/21D306S Integrated lens with M-12, 0.5 thread 20/21D309S CS standard
Connectors	13pin JST 3pin JST (power, GND, Video)
Option Board	60PB24VDL 24VAC power board with isolated transformer, line lock, and DC Iris

Spectral Response



02/01/07 PDS-20D30XS Series Rev A

All data subject to change without notice.

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