

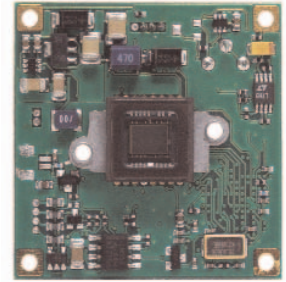


### Camera Features

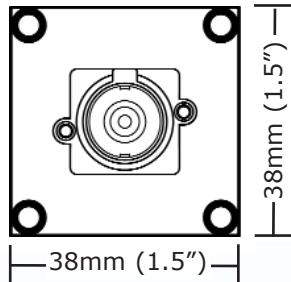
- 1/3" Color CCD
- 0.39 Lux Sensitivity
- 38mm x 38mm Single Board Camera
- DC Auto Iris

### Options

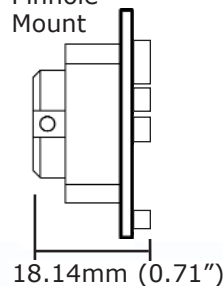
- (Minimum 100 Piece Lot Size Required)
- Balanced Video Output For CAT5/CAT6 Transmission



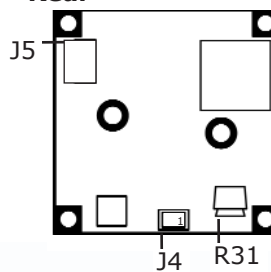
Front



Pinhole Mount



Rear



R31	ALC / POT	right angle mount
J4	Video / Power	3 pin/ (4 pin balanced video)
J5	Auto Iris-DC	4 pin

### J4 Pin Out Configuration

- 1 12VDC In
- 2 GND
- 3 CVBS
- 4 Differential (+)OUT / (-)OUT

### Technical Specifications

Electrical	20D11X NTSC	21D11X PAL
Image Sensor	1/3" Sony IL CCD	
Picture Elements	512 x 492	500 x 582
Resolution	V 420 TVL / H 330 TVL	
Sensitivity	0.39 Lux (30 IRE) f1.2 0.75 Lux (50 IRE) f1.4	
Signal To Noise Ratio	>46 dB (AGC on)	
Gamma	0.45	
Gain Control	AGC 36dB	
Synchronization	Internal (crystal controlled)	
Scan Mode	Interlaced	
Backlight Compensation	On	
White Balance	AWB	
Contour Enhancement	On	
Iris Controls	Electronic/DC auto iris (auto detect)	
Video Output	Composite 1Vp-p CVBS @75 ohms Balanced video output option @ 100 ohms (20D11XB)	
Power Supply	+12VDC (+/- 10%)	
Power Consumption	< 1.0W	

### Environmental

Operating Temperature	-15° C ~ 55° C (5° F ~ 131° F)
Storage Temperature	-30° C ~ 80° C (-22° F ~ 176° F)
Operating Humidity	20 to 93% RH
Storage Humidity	Up to 98% RH
Lifetime	MTBF >150000 hours
Packaging	Metalized, conductive bags
Warning: Avoid aiming the camera at the sun or other extremely bright lights. The CCD image sensor may be damaged if exposed to very bright objects.	

### Mechanical

Dimensions W x H x D	38mm x 38mm x 18.14mm (1.5" x 1.5" x 0.71") with pinhole mount		
Weight	9.5g (0.021 lbs)		
Lens Mount	Replace "X" in model number with desired lens mount option:		
Example: Change 20D10X to 20D105 to select an M- 12 Board Mount.	<b>2</b> = Metal M-12 Pinhole	<b>5</b> = Metal M-12 Board	<b>8</b> = Metal CS M-14 Board

### Accessories

Cable (J4)	60C1026	3-pin molex unterminated
Power Board (optional)	60PB24VS	24VAC board (42mm x 42mm)

### Models (Minimum 100 Piece Lot Size Required)

20/21D11XB	Balanced video output available to high volume OEMs
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**X = lens mount option (refer to Mechanical)**