

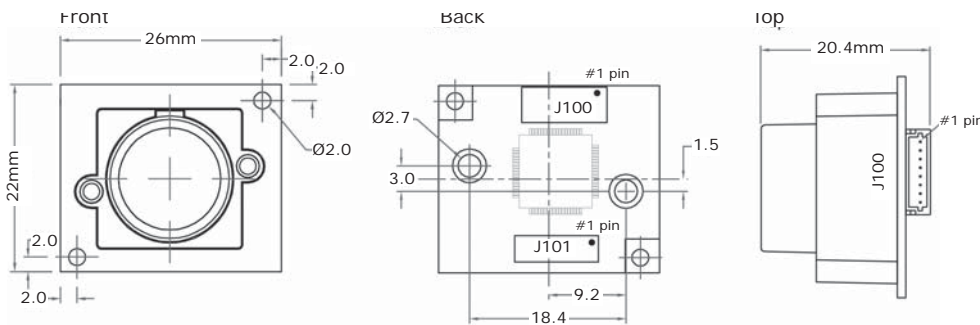
Product Features

Provides analog (CBVS) and digital (BT.656) video output simultaneously

- Miniature rugged 22mm x 26mm single board
- Low 0.1 lux sensitivity
- Metal CS, M-12 and pinhole lens mounts



Shown with optional lens



J100 Connector (1²C)

01 OSDC	05 DO NOT USE
02 GND	06 VIDEO
03 DO NOT USE	07 GND
04 DO NOT USE	08 VIN

J101 Connector (Digital)

01 GND	11 YUV4	21 IRIS OUT (analog)
02 GND	12	22 GND
03 YUV0	13 YUV5	23 HSYNC
04	14	24 VSYNC
05 YUV1	15 YUV6	25
06	16	26
07 YUV2	17 YUV7	27 DO NOT USE
08	18	28 DO NOT USE
09 YUV3	19 CLOCK	29 CVBS OUT (analog)
10	20	30 POWER IN

Technical Specifications

Electrical	20C11X	21C11X
	NTSC	PAL
Image Sensor	1/3" CMOS	
Effective Pixels (H x V)	756 x 504	
Pixel Size	6.35um x 7um	
Shutter Mode	Rolling	
Horizontal Resolution	690 TVL	
Aspect Ratio	4:3	
Sensitivity	<0.1 Lux color / <0.01 Lux B&W	
White Balance Range	2,000K - 11,000K	
Synchronization	Internal	
Iris	Manual	
Video Output	CVBS / BT656	
Signal to Noise Ratio	50dB	
Supply Voltage	5VDC - 12VDC +/- 10%	
Power Consumption	<0.8W	

Mechanical

Dimensions WxHxD	26mm x 22mm x 20.4mm (1" x 0.86" x 0.8") w M-12 lens mount		
Weight (w/M-12 Mount)	13.5g (0.48oz)		
Lens Mounts	Replace "X" in model number with desired lens mount <i>Ex: Change 20C11X to 20C115 to select an M-12 Board Mount</i>		
	2 = Metal M-12 Pinhole	5 = Metal M-12 Board	8 = Metal CS Mount
Lens	See our lenses at www.videologyinc.com/lenses		

Connectors

J100	70CN0061	JST-SM08B-SRSS-TB	CONN JST 8 PIN 1MM HOR SMD
J101	70CN0303	JST-30P4.0-JMCS-G-TF	CONN JST 30 PIN 4MM 0,5MM PITCH BTB SMD

Accessories

Included	60C1041	8pin JST cable with flying leads
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OSD Kit (Optional)

60C2-O	72V0281	OSD control board
Kit Includes	60C0510	USB cable

Complementary Models

20/21C11XUSB	CMOS camera with USB 2.0 and analog (CVBS) video output simultaneously
20/21C21XW	CMOS WDR camera with analog (CBVS) and digital (BT.656) video output simultaneously
20/21C21XWUSB	CMOS WDR camera with analog (CBVS) and USB 2.0 video output simultaneously

Viewer Software Controls (Future)

Scanning System	2:1 Interlace default
Frame Rate	30fps
White Balance Control	AWB (default)
Day & Night	Auto (default)
Image Flip	Default off
Mirror Mode	Default off
AGC Control	Auto (default)

Environmental

Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	30% - 90%
Storage Temperature	-30°C ~ 80°C (-22°F ~ 176°F)
Storage Humidity	<85%RH