

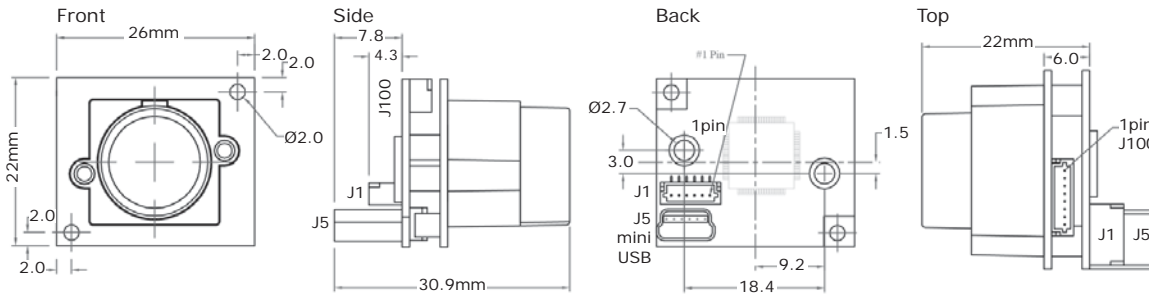
Product Features

Provides analog (CVBS) and USB (2.0) video output simultaneously

- 1/3" CMOS sensor (690TVL)
- Miniature rugged 22mm x 26mm double board
- Low 0.1 lux sensitivity
- Metal CS, M-12 and pinhole lens mounts
- Optional mini metal housings suitable for ATMs and Kiosks



Shown with optional lens



J100 Connector (Analog)

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

J1 JST Connector (USB)

01 +5VDC	04 GND
02 DATA -	05 GND
03 DATA +	06 GND

J5 miniB Connector (USB)

01 +5VDC	04 GND
02 DATA -	05 GND
03 DATA +	06 GND

Technical Specifications

Electrical	20C11XUSB	21C11XUSB
	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	USB 2.0 and CVBS	
Signal to Noise Ratio	50dB	
Supply Voltage	5VDC via USB bus	
Power Consumption	<1.0W	

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

Mechanical

Dimensions WxHxD	26mm x 22mm x 30.9mm (1" x 0.86" x 1.2") with M-12 lens mount		
Weight	17g (0.6oz) (with M-12 mount)		
Lens Mounts	Replace "X" in model number with desired lens mount		
Ex: Change 20C11XUSB to 20C115USB to select an M-12 Board Mount	2 = M-12 Pinhole	5 = M-12 Board	8 = CS
Lens	See our lenses at www.videologyinc.com/lenses		

Software

Viewer (included) SFT-07019	<ul style="list-style-type: none"> • WDM device drivers • DirectX/DirectShow compliant • TWAIN compliant (requires driver installation)
SDK (optional) SFT-07019-SDK	Complete software development kit and support for OEMs

Recommended System Requirements

Hardware	Pentium IV	2.3GHz +, 1GB hard drive, Intel USB 2.0 Host controller
Software	Windows 7, 8, 10	32 bit and 64 bit
	Windows Vista	32 bit and 64 bit
	Windows XP	Service pack 2 +, DirectX 9.0c or above

Accessories

Optional USB 2.0 Cables	60C1147	10ft (3.048m) USB mini (B) to USB (A)
	60C1062	8ft (2.4384m) 6-pin JST to USB (A)
Other cable length options are available. Please contact a Videology Sales Rep. for details		

OSD Kit (Optional)

60C2-0	72V0281	OSD control board
Kit Includes	60C1050	USB cable