USB 2.0 ULTRA-COMPACT CAMERA

The 18792 is an ultra-compact, progressive scan, SXVGA, USB camera with a 1/3" color CCD. It features 22fps, hardware and software triggering image capture, digital zoom and a feature-rich user based menu setup and control. The 18792 is a cased model available with a rear mini-USB connector, and includes a SDK, DirectX, Twain and Linux driver, as well as the viewing software.

- USB 2.0 Camera
- 1/3" CCD Image Sensor
- SVXGA (1.3 MP)
- 22 fps
- Triggering Image Capture
- Digital Zoom
- Compact Size
- 6' Cable

CAMERA SPECIFICATIONS

Model	18792		
Image Sensor	1/3" Interline SXVGA color progressive CCD: ICX445AQ (Sony)		
Resolution	1280 (H) x 960 (V) (Full scanning) 1280 (H) x 440 (V) (1/2 partial scanning) 1280 (H) x 168 (V) (1/4 partial scanning)		
Chip Size / Cell Size	6.26 (H) x 5.01 (V) mm / 3.75 (H) x 3.75 (V) μm		
Horizontal Drive Frequency	45 μs		
Scanning Methods	Progressive		
Maximum Frame Rate	**Full Scan** 22.40 fps (Normal) 11.20 fps (1/2 clock) 5.60 fps (1/4 clock)	**1/2 Partial Scan** 44.81 fps (Normal) 22.40 fps (1/2 clock) 11.20 fps (1/4 clock)	**1/4 Partial Scan** 89.0 fps (Normal) 44.90 fps (1/2 clock) 22.45 fps (1/4 clock)
Video Output	8 bit / 10 bit / 12 bit		
Sync System	Internal		
Inputs / Outputs	USB 2.0 High Speed		
Minimum Illumination	11 Lux at F1.2		
Power Voltage/Consumption	+5 Vdc through USB connector (+4.4 to +5.25V) / < 300 mA		
Gain	Auto / Manual (software selectable)		
Gamma	Manual (software selectable)		
White Balance	Auto / Manual / One shot (software selectable)		
Trigger Mode	Free-run/Edge preset trigger/Pulse with trigger/Start & stop trigger (software selectable)		
Electronic Shutter	Auto / Manual (software selectable)		
Temperature	Operating: 0—40º C; Storage: -30—65º C		
Dimensions / Weight	28 (W) x 28 (H) x 37 (D) mm (excluding connector); Approximately 45g		

Design, features and specifications are subject to change without notice.