

Features

- 1/2" Progressive scan CCD imager
- 1392 x 1036 active pixels
- 10-bit Camera Link digital output
- Analog output
- RS232C interface control
- Full frame shutter
- <58 dB or better
- Asynchronous reset
- 30 Hz frame rate
- 2 x 2 (692 x 516) Binning at 55 FPS
- 50 MHz data clock
- C-mount lens



Description

The UP-900DS-CL is a 10-bit digital CCD camera using progressive scan sensor. This compact and lightweight camera offers excellent signal to noise performance. It's compatible with most popular frame grabbers in the market. The "user-friendly" RS-232C interface control allows users to control all camera functions without physically touching the camera.

Applications

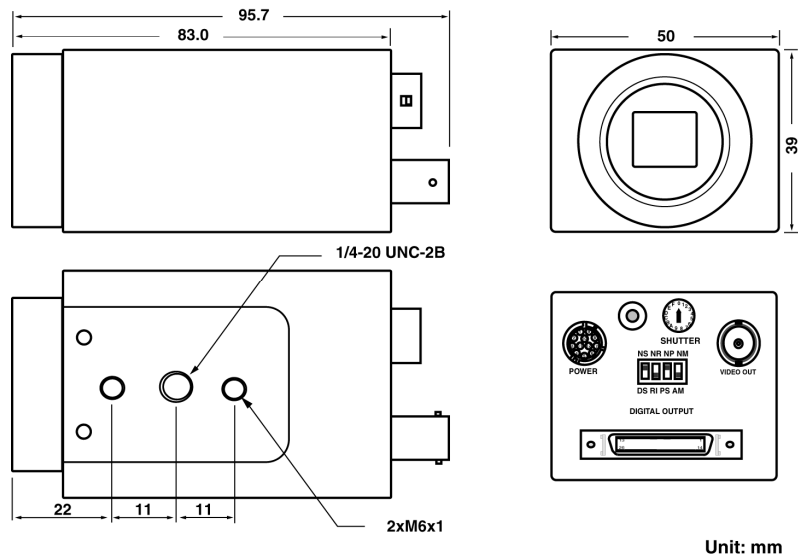
UP-900DS-CL applications include machine vision, automated inspection, motion capture and analysis, high-resolution graphics capture, medical imaging, biomedical imaging, non-contact measurement, microscopy, and other scientific and industrial applications.

Specifications:

Model	UP-900DS-CL
CCD Sensor	1/2" Hyper HAD progressive scan interline-transfer CCD
Chip Size	7.60 mm x 6.20 mm
Effective Pixels (H x V)	1392 x 1036 (approx. 5:4 aspect ratio)
Unit Cell Size (H x V)	4.65 mm x 4.65 mm
Pixel Clock	50 MHz (100 MHz for master clock)
Frame Rate	30 fps
Sync.	HD: 31.466 KHz; VD: 30.0 Hz
Digital Video Output	Camera Link format
Analog Video Output	1 V p-p, 75ohm (BNC or 12 pin Hirose)
S/N Ratio	<58 dB
Min. Illumination	0.1 lux
Gain	MGC
Gamma	1.0
Electronic Shutter	1/30 ~ 1/62,000 selectable
Lens Mount	C-Mount
Operating Temperature	-10 °C ~ +50 °C
Power Requirement	12 V DC, 430 mA, 5.2 W
Dimension	50mm x 39mm x 83mm
Ext. Sync.	Internal/External Auto Switch
Asynchronous Reset	Standard
Weight	200 g

Note: Custom cameras are available upon request.

Dimension:



Note: Specifications are subject to change without notice