

## Features

- 1/2" Progressive scan CCD imager
- 1392 x 1040 active pixels
- 10-bit Camera Link digital output
- Analog output
- RS232C interface control
- Full frame shutter
- <58 dB or better
- Asynchronous reset
- 15 Hz frame rate
- 25 MHz data clock
- C-mount lens



## Description

The UP-900CL 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.

## Applications

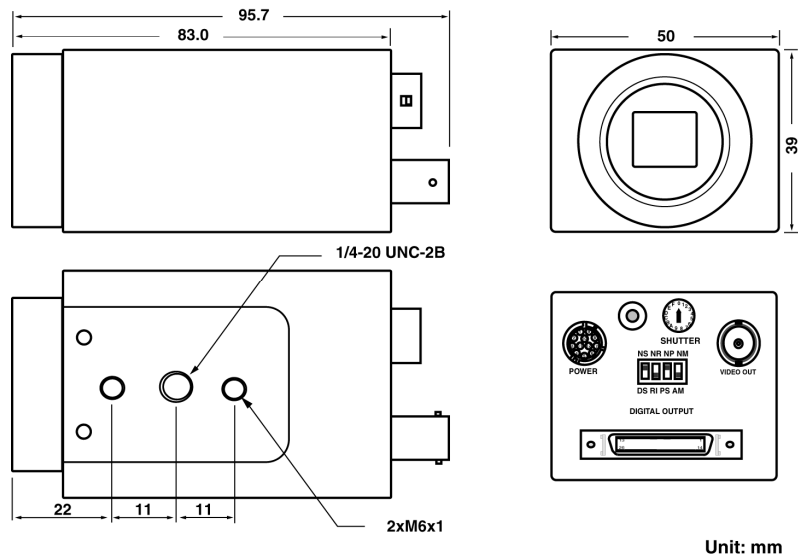
UP-900CL applications include machine vision, automated inspection, motion capture and analysis, high-resolution graphics capture, medical imaging, biomedical imaging, non-contact measurement, microscopy, and other scientific and industrial applications.

## Specifications:

Model	UP-900CL
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 1040 (approx. 5:4 aspect ratio)
Unit Cell Size (H x V)	4.65 mm x 4.65 mm
Pixel Clock	25 MHz (50 MHz for master clock)
Frame Rate	15 fps
Sync.	HD: 15.47KHz; VD: 14.82 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	1/15 ~ 1/31,000 selectable
Lens Mount	C-Mount
Operating Temperature	-10 °C ~ +50 °C
Power Requirement	12V DC, 250mA, 3.0W
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