

Features

- 0.001 lux min. illumination (AGC max.)
- High sensitivity (high gain)
- 1/2" Progressive scan CCD imager
- 1392 x 1040 active pixels
- 10-bit Camera Link digital output
- Analog output
- RS232C interface control
- <58 dB or better
- Asynchronous reset
- 15 Hz frame rate
- 25 MHz data clock
- C-mount lens



Description

The USS-900CL is a 10-bit super sensitive digital CCD camera using progressive scan sensor. This compact and lightweight camera offers very good image quality at high gain. It's compatible with most popular frame grabbers in the market. The "user-friendly" RS-232C interface control allows users to control all camera features without physically touching the camera.

Applications

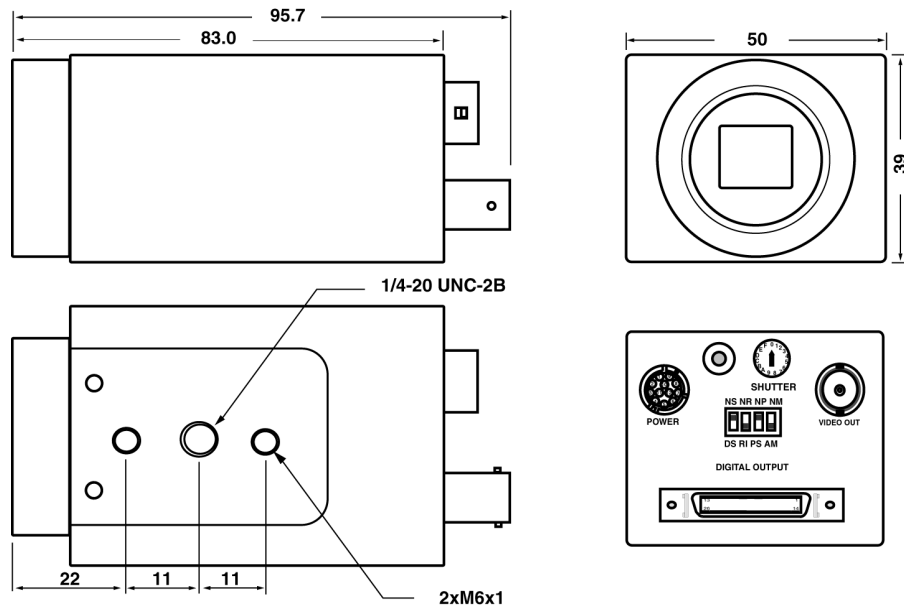
USS-900/USS-900CL applications include low light surveillance, X-ray imaging, military, and scientific uses.

Specifications:

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|--------------------------|--|
| Model | USS-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 | 0.001 lux (AGC max.) |
| Gain | AGC/MGC selectable |
| 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.

Dimensions:



Note: Specifications are subject to change without notice