

Key Features

- 0.0005 lux min. illumination (AGC max.)
- 2/3" Exview HAD (NIR) CCD Imager
- 1390 x 1037 active pixels
- 15 Hz frame rate
- 2 x 2 (694 x 518) Binning at 30 FPS
- 10-bit Camera Link digital output
- Analog output
- Full frame shutter
- <58 dB
- Asynchronous reset
- 27 MHz pixel clock
- RS-232C interface Control
- C-mount lens



Description

The USS-1800CL is a 10-bit digital CCD camera using progressive scan sensor. This compact and lightweight camera offers excellent signal to noise performance at a reasonable price. It's compatible with all camera link 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

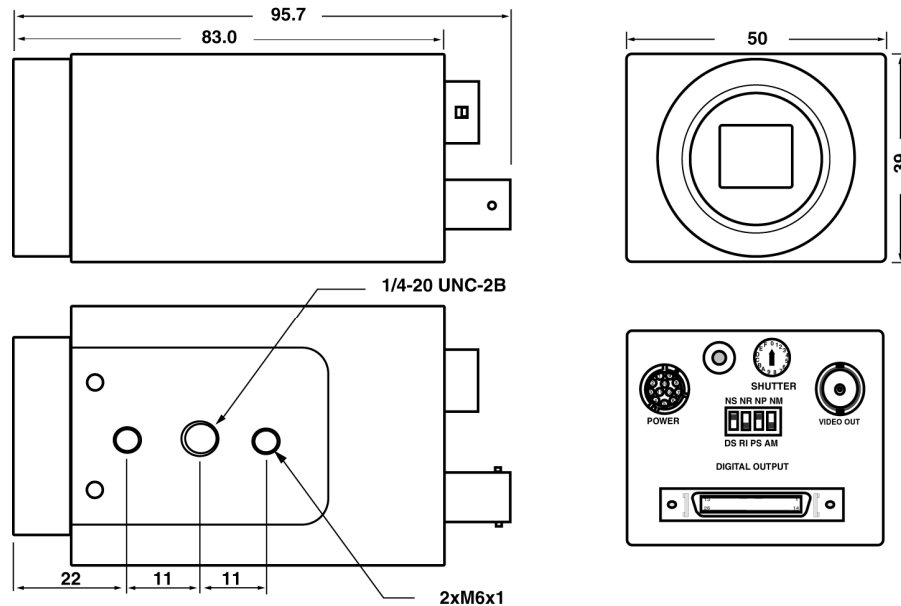
USS-1800CL applications include low light surveillance, X-ray imaging, military, and scientific uses.

Specifications:

Model	USS-1800CL
CCD Sensor	2/3" Exview HAD progressive scan interline-transfer CCD
Chip Size	10.20 mm x 8.30 mm
Effective Pixels (H x V)	1390 x 1037
Unit Cell Size (H x V)	6.45 mm x 6.45 mm
Pixel Clock	27 MHz
Frame Rate	15 FPS (30 FPS for 2x2 binning)
Sync.	HD: 15.733 KHz; VD: 14.998 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	0.0005 lux (AGC max.)
Gain	AGC/MGC selectable
Gamma	1.0
Electronic Shutter	1/15 ~ 1/32,000 selectable
Lens Mount	C-Mount
Operating Temperature	-10 °C ~ +55 °C
Power Requirement	12V DC, 280mA, 3.4 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.

Dimensions:



Unit: mm

Note: Specifications are subject to change without notice