



Product Overview

The Sekai 4K ruggedized camera is designed to withstand the most extreme ballistic shock impacts. This camera uses the 8.9Mpixel Sony IMX255 Electronic Global Shutter sensor, which eliminates image artifacts and the jello-effect common with rolling shutter sensors.

This camera was designed from the ground up to have the lowest latency which allows digital weapon sights to perform AI and Object tracking.

Typical Applications

- Electronic Gun sighting for large weapons including 100mm canons
- Applications where the lowest video latency is required such as threat tracking and identification
- Remote Mission viewing

Features and Electrical Specifications

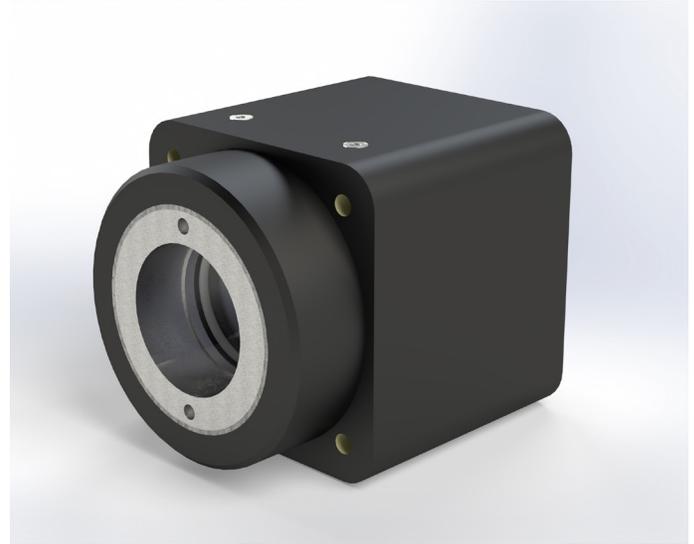
- Sony IMX255 Electronic Global Shutter sensor.
- SDI digital output
- CS mount supporting a wide range of off the shelf and custom lenses
- 4K video mode (6G-SDI): 3840 x 2160p30
- Full HD (3G-SDI) 1920 x 1080p60, 1920 x 1080p30
- HD (1.5G SDI) 1280 x 720p60
- 12V DC power input
- 4.5 W typical power consumption depending on video output mode

4K Ruggedized Camera



Ruggedized Ballistic camera

Ordering# 800-0000844

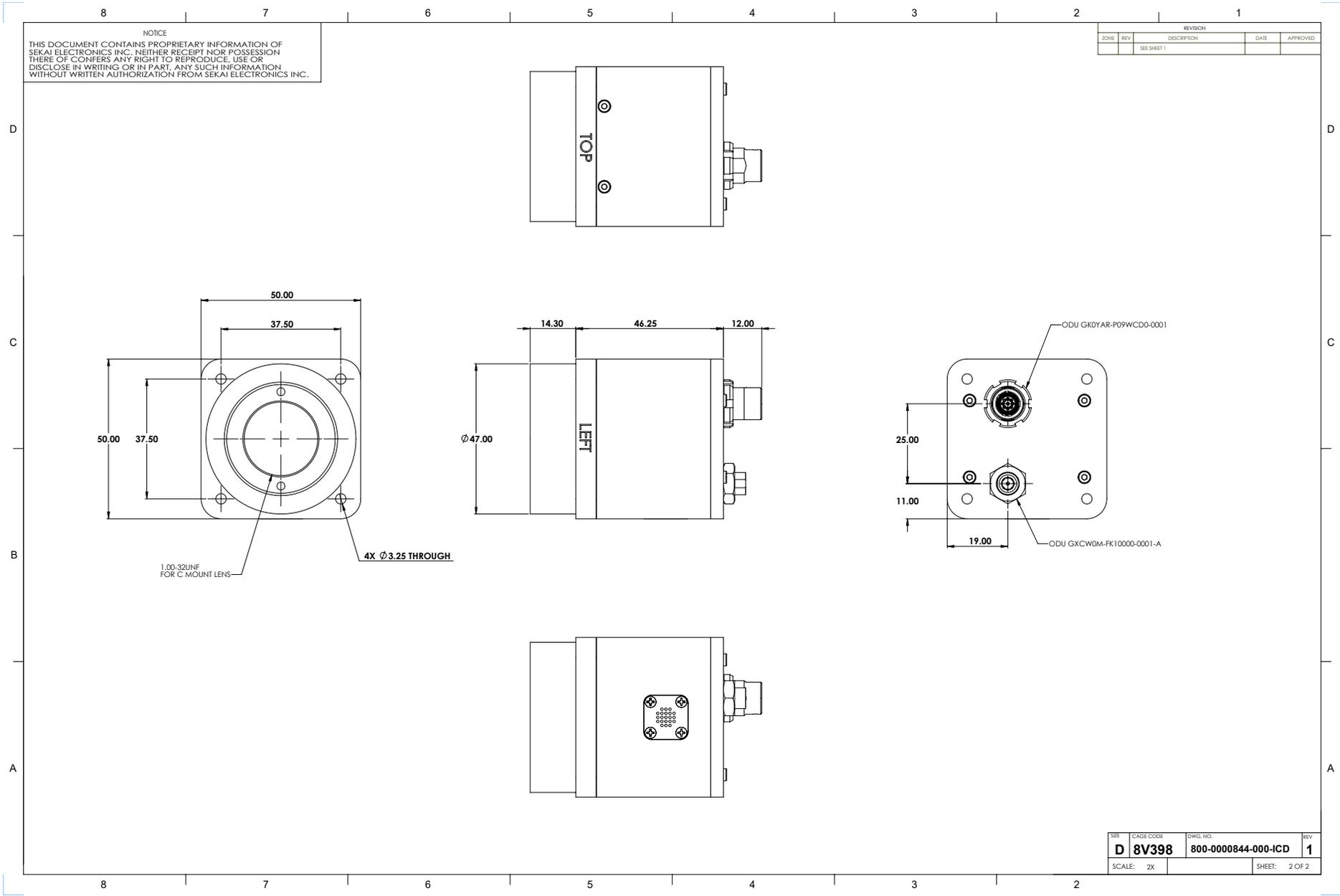


Environmental Specifications*

- Storage Temperature -55°C to +80°C
- High G, Shock and impact tolerant
- Storage Humidity 5% to 95% RH, non-condensing
- Operating Temperature -40°C to +70°C
- Operating Humidity 5% to 95% RH, non-condensing
- Altitude -15,000 to 60,000 ft+

*Estimates based on similar products, which have been tested





REV	CAGE CODE	DWG. NO.	REV
D	8V398	800-000844-000-ICD	1

SCALE: 2X SHEET: 2 OF 2