



The rugged Sentera Double 4K Inspection Sensor, designed with **no moving parts**, increases inspection efficiencies by using a wide angle field of view (FOV) lens to audit a structure, and a **magnified narrow FOV lens** to instantly see 12 MP of detail.

THE SENTERA DOUBLE 4K INSPECTION SENSOR



Sentera's Double 4K Inspection Sensor streamlines data collection by providing a wide angle FOV ideal for auditing a structure's overall health and the capability to zoom in using the second, magnified narrow FOV lens. These paired, configurable sensors eliminate the need for a second drone flight or a physical climb to assess a potential issue.

The small, light Double 4K Sensor is universally compatible with any drone.

FEATURES & BENEFITS

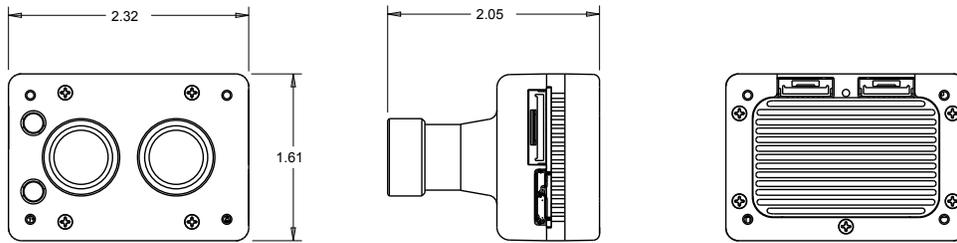
- Simultaneously captures wide angle FOV and magnified narrow FOV imagery
- Expedites imagery download utilizing enhanced processor
- Instantly download images via WiFi or wired connection
- Easily modified to advance with industry technologies
- Captures 4K ultra high-definition video
- Seamlessly integrates with OnTop™ Platform



Seamlessly mounts to an Indago Quick-Release 2D Gimbal

THE SENTERA DOUBLE 4K INSPECTION SENSOR

DIMENSIONS

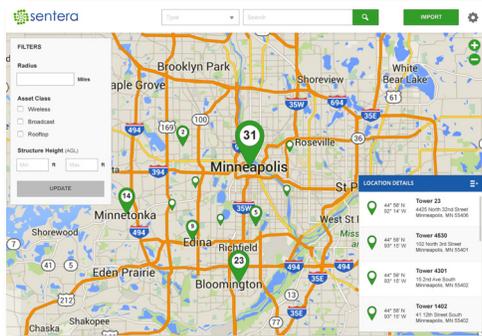


SPECIFICATIONS

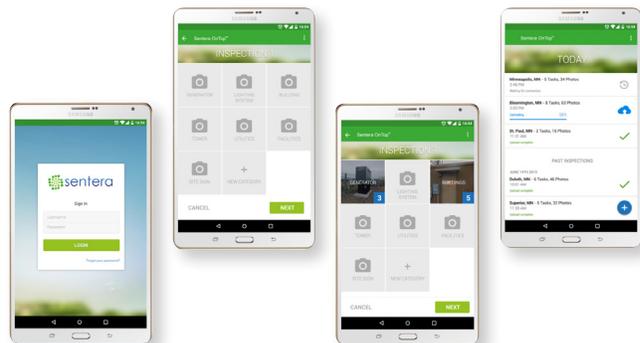
Sensors	12.3MP BSI CMOS RGB - ERS correction	Field of view	4K image/video ranges 15° - 60° HFOV 1080p ranges 7.5° - 60° HFOV
Size	2.32" x 1.61" x 2.05" (59mm x 41mm x 52mm) - Fits the GoPro® Hero4 footprint	Interfaces	Ethernet, Serial/UART, USB 3.0, I2C, GPIO - WiFi: 802.11a/b/g/n/ac - Bluetooth 4.1 - Optional Light Sensor - Web-based camera configuration - Pushbutton control for single photo and mode select
Weight	80 grams	Control	Open ICD for triggering and metadata logging over serial or IP, compatible with - Lockheed Martin Kestrel™ autopilot - PixHawk™ autopilot - MAVLink™ based systems - Customized ICD options available
Power	6W typical / 8W maximum	Data Management	Seamlessly integrates with Sentera OnTop™ Platform
Image format	JPEG, TIFF, RAW		
Data capture	12.3MP Stills 4K Ultra HD video @ 30fps 180p/720p Video - H.264 encoding		
Storage	128GB SD card, standard and removable - Approximately 64,000 images per card		

SENTERA ONTOP™ SOFTWARE SOLUTION

Once data is collected, hundreds of images must be managed to unlock the value embedded in the imagery. Sentera's proprietary software solution, OnTop, enables professionals to do just that. Sentera's OnTop software solution allows users to organize, store, view, comment on, and share critical images with teams and organizations, expanding the circle of impact. The Sentera OnTop software solution is compatible with many of the most popular analytics, mosaicking, and 3D modeling tools, making the flow of imagery and information from capture to detailed analysis virtually seamless.



Sentera OnTop desktop software



Sentera OnTop mobile app



Contact us and let's do something amazing!

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