sentera

The Sentera-Q Sensor provides highly accurate aerial imagery and data from a single pass, making it the ideal sensor solution for surveying, mapping, surveillance, and reconnaissance operations.

THE SENTERA-Q SENSOR

The Sentera-Q is capable of capturing highly accurate, 18MP and 10x optical zoom color imagery. The high-resolution images can be transformed into precise 3D models assisting public safety officials with preplanning activities and geospatial analysts with measuring geographical volumes and analyzing surface data.

BENEFITS

- Automated remote triggering
- Assigns highly accurate metadata including GPS positioning, role, pitch, and yaw
- Compatible with AgVault™ and OnTop™ so data can be organized, stored, viewed and shared with a team

SPECIFICATIONS

Size	63.5mm x 61mm x 33mm (2.5" x 2.4" x 1.3")
Weight	28.3 grams (3.7 oz)
Power	1.1W approx.
Image format	JPEG
Frame rate	18MP Stills: 1/3fps
Storage	32GB SD card per sensor - Image format: JPEG - Approximately 18,000 images per card
Field of view	HFOV: 8-70° VFOV: 6-55° Customizable based on application
Interfaces	Ethernet, Serial/UART
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

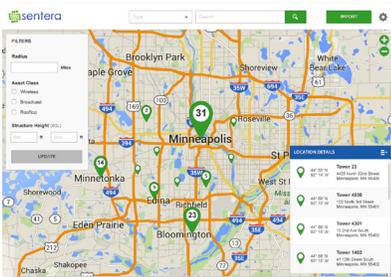## VERSATILE, HIGH-RESOLUTION IMAGERY

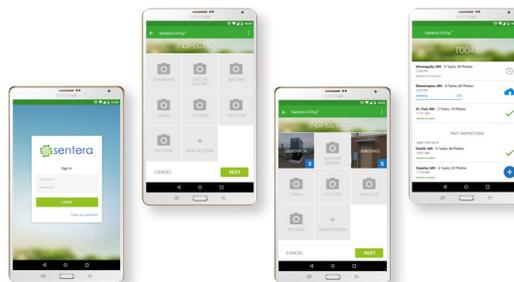18MP still imagery captured with the Sentera-Q

3D imagery generated using Sentera-Q photos

ONTOP™ AND AGVAULT™ SOFTWARE SOLUTIONS

Images must be managed to unlock their value. Sentera's industry leading software solutions, OnTop™ and AgVault™, enable professionals to do just that. Sentera's software solution allows users to organize, store, view, annotate, and share critical images with teams and organizations, expanding the circle of impact. Sentera's OnTop and AgVault software solutions are compatible with the most popular analytics, mosaicking, and 3D modeling tools, making the flow of imagery and information from capture to detailed analysis seamless.

Sentera OnTop desktop software

Sentera OnTop mobile app

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Contact us and let's do something amazing!

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