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DATA SHEET

# FULL MOTION VIDEO

Satellogic designs, builds and operates its own fleet of Earth Observation satellites to frequently collect affordable high-resolution data for decision-making in a broad range of industrial, environmental and government applications.

Satellogic's cameras collect 1-meter resolution Full-Motion Video (FMV) data at an average altitude of 475 km.

## VIDEO SPECIFICATIONS

PRODUCT	FMV
Pixel resolution at nadir	1 m
Wavelengths	Monochromatic
Duration	Up to 60 seconds
Frame Rate	10 fps
File Format	MP4 (High Definition)
FMV Processing	Stabilized and Enhanced
Image Metadata	Included
Delivery	Media, FTP, Cloud, API

CAIRO, EGYPT



# FULL MOTION VIDEO USE CASES

Full-motion video adds a fourth dimension to imagery: the ability to track activity over time. FMV provides for event fidelity and understanding, event progression, and a greater insight into the nature of the location of activities being observed.



In a reclusive city like **Pyongyang**, FMV capabilities from space can provide a glimpse into city life: traffic flow, traffic congestion/density, public transportation, and activity density block by block. A still image provides you with a snapshot in time at a specific point on the Earth, whereas a video helps you begin to understand the behavior and activity that is occurring at that same particular point on the Earth.



At the **Port of Barcelona**, FMV can provide enhanced situational awareness over a still image. Port safety and security can enjoy the benefit of extended, wide-area surveillance. Space-based FMV can also provide situational awareness beyond the shoreline for purposes of vessel navigation and maritime security as well as provide key data inputs into market forecasting and supply chain modeling.