

**zenduit**

# ZenCAM Cargo Specification



**AI Cargo Monitoring**



**Security Protection**



**Multi-Network**



**1-855-936-3848**



**www.zenduit.com**

# Overview

The ZenCAM Cargo revolutionizes trailer transportation by leveraging high-definition video technology and AI-powered intelligent asset management services. By utilizing big data and AI deep learning algorithms, the ZenCAM Cargo enables real-time cargo volume perception, ensuring constant awareness of loading rates. Equipped with AI cameras and high-precision sensors, the ZenCAM Cargo provides full visibility of cargo transportation, while intelligently managing and controlling the loading process.

## KEY HIGHLIGHTS

- **Real-time cargo volume monitoring** using AI cameras & high-precision sensors
- **Multi-carrier LTE cellular connectivity** (GPS, Wi-Fi, Bluetooth)
- **One-Wire bus integration** with trailer/container sensors and systems
- **Cargo security protection** to prevent theft
- **Reduce empty miles** through optimized cargo management
- **Comprehensive scalability** (Supports Bluetooth, RS232, CAN BUS, and other peripherals)

## APPLICATIONS



Protects high-value cargo from theft.



Supports Bluetooth, RS232, and CAN BUS.



Efficient tracking and control.



Reduce empty miles.

## Specifications

MECHANICAL	
<b>Dimensions</b>	7.83'' x7.54''x1.65''( 19.89 x 19.15 x 4.20 cm)
<b>Weight</b>	0.96 lbs.(434gkg)
<b>Case Material</b>	aluminum alloy
<b>IP Rating</b>	IP69K
ENVIRONMENTAL	
<b>Operating Temperature</b>	-40°F to 158°F(-40°C~+70°C)
<b>Operating Humidity</b>	8%-95%
RECORD	
<b>Video compression format</b>	H.264/H.265
<b>Record Mode</b>	Power on/manual/timed/alarm event recording
<b>Alarm pre recording</b>	0-60min
<b>Alarm recording delay</b>	0-30min
<b>Audio</b>	NO

COMMUNICATIONS	
WIFI	2.4G 802.11a/b/g/n/ac
3G/4G	<p><b>North American Version</b>            LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5</p> <p><b>European and Asian versions</b>            LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8            GSM: B3/B8</p> <p><b>Latin American version</b>            LTE FDD: B1/ B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40            WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8</p> <p><b>China</b>            LTE-FDD: B1/B3/B5/B8 LTE-TDD:            B34/B38/B39/B40/B41 WCDMA: B1/B5/B8</p>
POWER	
DC Power	DC 9-36V
Solar panel power	3W
Battery	10.4Ah/76Wh
Maximum typical power consumption	9W
Sleep power consumption	≈0.6W
LOCATE	
GPS	Locate, speed detection, time synchronization

INTERFACE	
RS232	1 Channel
IO	2 IO IN, 2 IO OUT

## Dimensions (mm)

