

# Intelligent Cargo Camera



## SPECS

434g

-40°C ~+70°C

198.9 x 191.5 x 42 mm

8% to 95%

## Product features

- Dual-channel camera
- High-resolution capture for fleet safety
- Trailer Utilization
- Door open on trailer

## Product overview

Is equipped with advanced AI visual recognition technology that can intelligently identify the cargo loading rate, helping users track the cargo location and loading status in real-time.

Equipped with a high-speed processor, advanced operating system, and H.265 compression technology, it supports dual-channel video recording with resolutions up to 4K and 1080p.

It features GPS positioning, 4G connectivity and Bluetooth functions, and can connect to external sensors to ensure real-time alarm transmission and cargo door status monitoring.

The device can intelligently switch modes to optimize power consumption and extend battery runtime while collecting cargo data and detecting anomalies.

[vestigeview.com](https://vestigeview.com)

## PRODUCT SPECIFICATIONS

| Model                             |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | Z5                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Interface                         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RS232                             | 1 channel                                                                                                                                                                                                                                                                                                                                                                                                                  |
| IO                                | 2 IO IN, 2 IO OUT                                                                                                                                                                                                                                                                                                                                                                                                          |
| Locate                            |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GPS                               | Locate, speed detection, time synchronization                                                                                                                                                                                                                                                                                                                                                                              |
| Power Requirement                 |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DC Power                          | DC 9-36V                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Solar panel power                 | 3W                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Battery                           | 10.4Ah/76Wh                                                                                                                                                                                                                                                                                                                                                                                                                |
| Maximum typical power consumption | 9W                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sleep power consumption           | ≈0.6W                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Communications                    |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WIFI                              | 2.4G 802.11a/b/g/n/ac                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3G/4G                             | <b>North American Version</b><br>LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71<br>WCDMA: B2/B4/B5<br><b>European and Asian versions</b><br>LTE FDD: B1/B3/B7/B8/B20/B28A<br>WCDMA: B1/B8<br>GSM: B3/B8<br><b>Latin American version</b><br>LTE FDD: B1/ B2/B3/B4/B5/B7/B8/B28<br>LTE TDD: B40<br>WCDMA: B1/B2/B5/B8<br>GSM: B2/B3/B5/B8<br><b>China</b><br>LTE-FDD: B1/B3/B5/B8<br>LTE-TDD: B34/B38/B39/B40/B41<br>WCDMA: B1/B5/B8 |
| Mechanical                        |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Size (mm)                         | 198.9 x 191.5 x 42.0 mm (7.83"x7.54"x1.65")                                                                                                                                                                                                                                                                                                                                                                                |
| Weight (g)                        | 434g (0.96 lbs)                                                                                                                                                                                                                                                                                                                                                                                                            |
| Case Material                     | Aluminum Alloy                                                                                                                                                                                                                                                                                                                                                                                                             |
| IP Rating of Z5                   | IP69K                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Environmental                     |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operating Temperature             | -40°C ~ +70°C (-40°F ~ +158°F)                                                                                                                                                                                                                                                                                                                                                                                             |
| Operating Humidity                | 8% to 95%                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Record                            |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Video compression format          | H.264/H.265                                                                                                                                                                                                                                                                                                                                                                                                                |
| Record Mode                       | Power on/manual/timed/alarm event recording                                                                                                                                                                                                                                                                                                                                                                                |
| Alarm pre-recording               | 0-60min                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alarm recording delay             | 0-30min                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audio                             | NO                                                                                                                                                                                                                                                                                                                                                                                                                         |