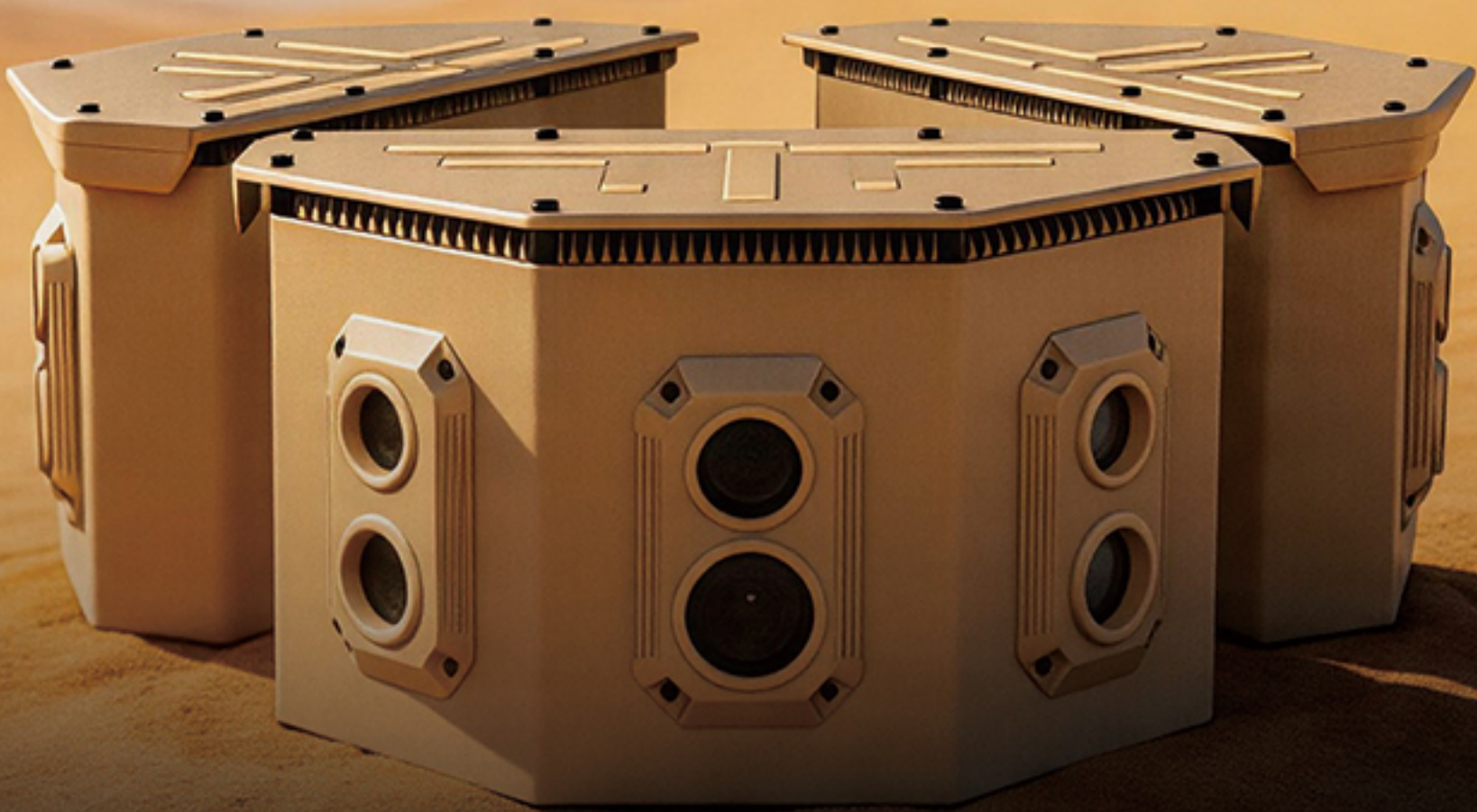




# SPIKE J

## STITCHING VEHICLE-MOUNTED THERMAL CAMERA

The Spike J stitching vehicle-mounted thermal camera uses real-time seamless image stitch technology and is equipped with infrared and visible light sensors to meet the needs of multi-spectral and wide-angle observation. This product can be widely used in fields such as driving assistance, safety monitoring, and urban patrol.

### KEY FEATURES



120°+ WIDE FOV



DUAL-SPECTRUM  
SEAMLESS IMAGSTITCHING



ALL-WEATHER



ULTRA-WIDE FOV



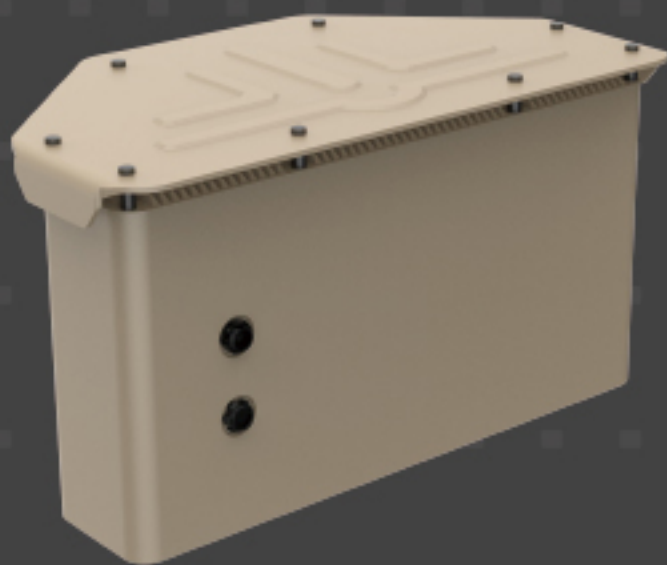
IP67

### PRODUCT PERSPECTIVES

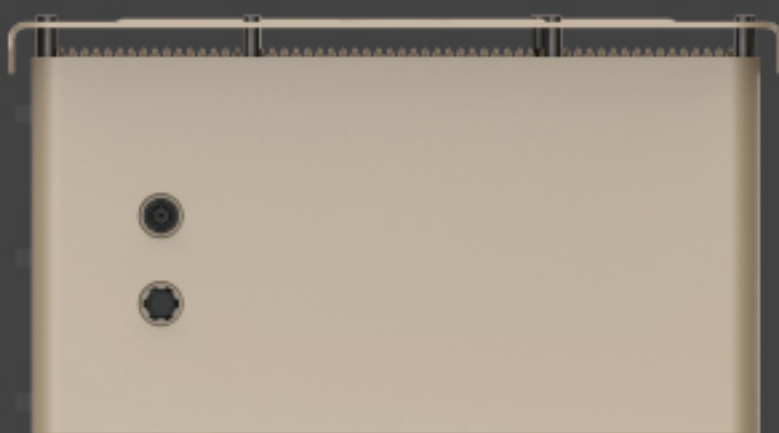
1



2



3



### TECHNICAL DATA

#### Infrared

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Sensor Type                             | Vox uncooled infrared focal plane detector |
| Resolution                              | 640×512                                    |
| Pixel Pitch,μm                          | 12                                         |
| FOV(fusion), °                          | 130 ×40                                    |
| Recognition Distance (Vehicle/Person),m | 260/200                                    |

#### Visible Light

|                |           |
|----------------|-----------|
| Sensor Type    | CMOS      |
| Resolution     | 1920×1080 |
| Pixel Pitch,μm | 2.9       |
| FOV(fusion), ° | 130 ×29   |

#### Equipment performance

|                                         |             |
|-----------------------------------------|-------------|
| Recognition Distance (Vehicle/Person),m | 400/300     |
| Frame Rate,Hz                           | 25          |
| Scene-Based Correction                  | Supported   |
| Dimensions,mm                           | 260×130×120 |
| Weight,kg                               | <3.9        |
| Ingress Protection                      | IP67        |
| Shock,g                                 | 40          |
| Video Interface                         | SDI         |
| Communication Interface                 | RS422       |
| Power Supply,VDC                        | 18~36       |
| Power Consumption,W                     | ≤20         |