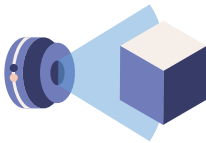


# LIPSedge™ L225 / L235

## 3D Structured Light Camera

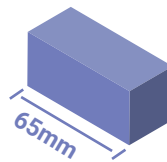
- High-frame-rate depth imaging: 1280×960@30fps, 640×480@90fps
- High-accuracy near-range 3D depth sensing
- Compact design
- Reliable and precise performance
- Global Shutter for accurate depth capture of fast motion
- LIPSedge™ SDK with broad industrial framework support

LIPSedge™  
L225 / L235



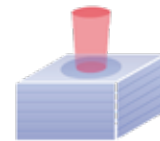
**VGA resolution @90fps**

High-Accuracy 3D Depth Sensing



**85g**

Compact Design



**VCSEL**

Robust Illumination



**80K ↑**

Excellent Sunlight Resistance



**1.4W**

Low Power Consumption



Versatile Application Support

## Scalability into various application solutions

LIPSMetric™ Handheld Dimensioning

LIPSFace™ 3D Facial Recognition

LIPSense™ Touchless

LIPScan™ 3D Scan SDK



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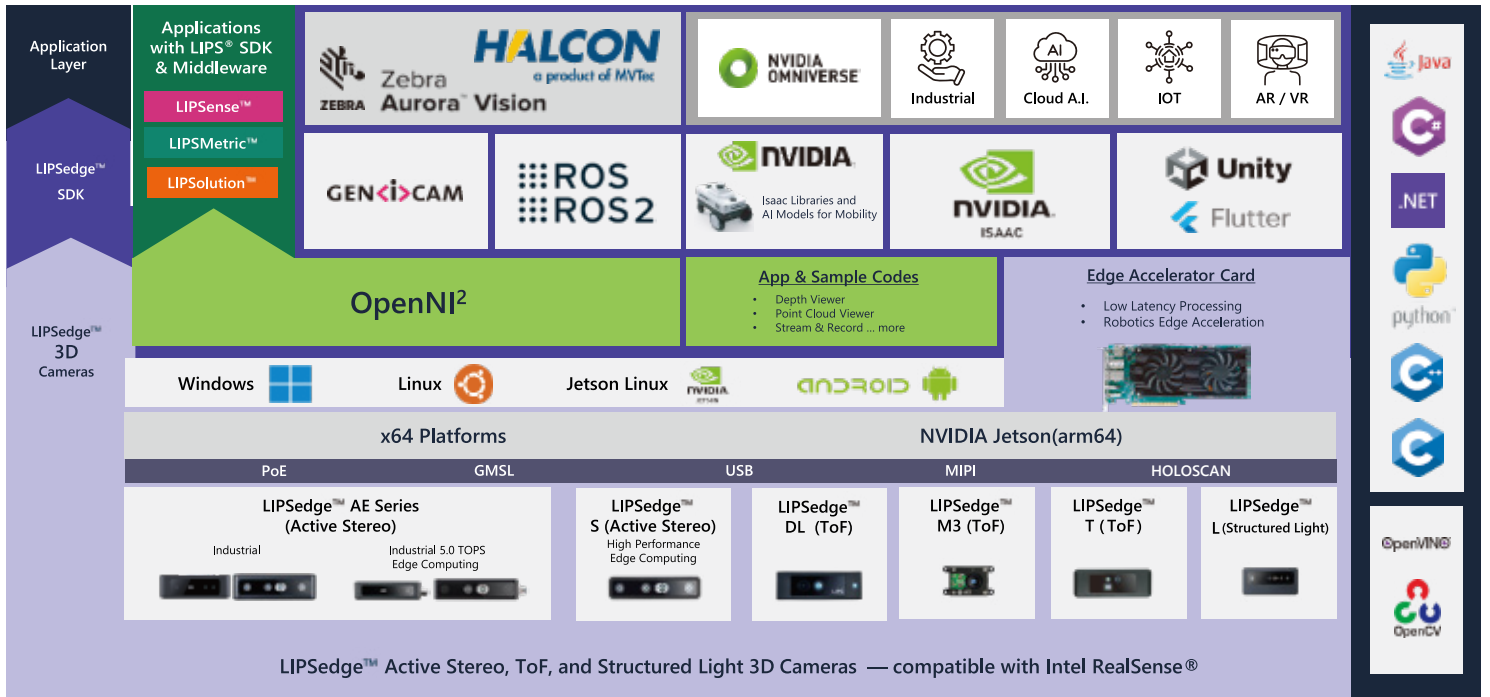
2F., No.100 Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan

# Specifications

| Image                    |                          | L225   | L235              |
|--------------------------|--------------------------|--|-------------------|
| Depth                    | Technology               | Structured Light                               |                   |
|                          | Maximum Working Distance | 1 m +  |                   |
|                          | Minimum Working Distance | 0.4 m  |                   |
|                          | Frame Rate               | 1280 × 960 @ 30fps                             | 640 × 480 @ 90fps |
|                          | FoV ( H × V )            | 72° x 57°                                      |                   |
|                          | Baseline                 | 40 mm  |                   |
|                          | Shutter Type             | Global Shutter                                 |                   |
|                          | Z Accuracy               | ≤ 0.3% (up to 1m and 70% of FoV)               |                   |
| <b>Illumination</b>      |                          |  |                   |
| Illumination Type        |                          | Infrared                                       |                   |
| IR Wavelength            |                          | 940 nm   |                   |
| Illuminating Component   |                          | Vertical-cavity surface-emitting laser (VCSEL) |                   |
| <b>General</b>           |                          |  |                   |
| Dimension (mm)           |                          | 65 x 25.5 x 22.5                               |                   |
| Weight (g)               |                          | Approximately 85 g                             |                   |
| Ambient Temperature (°C) |                          | 0° - 40°                                       |                   |
| Storage Temperature (°C) |                          | -20° - 60°                                     |                   |
| Output Interface         |                          | USB Type-C                                     |                   |
| Power input              |                          | DC 5v from USB                                 |                   |
| Supported OS             |                          | Windows / Linux                                |                   |
| Working Environment      |                          | Indoor   |                   |

Note: All specifications are subject to change without prior notice.

## LIPSedge™ SDK Build Once, Deploy Without Limits



LIPSedge™ Active Stereo, ToF, and Structured Light 3D Cameras — compatible with Intel RealSense®



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