



Advanced Test Equipment Corp.

[www.atecorp.com](http://www.atecorp.com)

800-404-ATEC (2832)



## Realsee Galois M2 3D LiDAR Camera Kit

The Ultimate LiDAR Tool for Immersive 3D Tours



### Key Features

- 360° High-Resolution Laser VR Scanner
- Precise 134MP Indoor & Outdoor Capture
- Pay-as-you-go 3D tour hosting
- LiDAR-Based Scanning with 20mm Accuracy
- 15-Minute Capture for 1000' Area
- Powerful Rich Editing Console
- Download E57 point clouds, RAW files & 16K panoramas, floorplans, OBJ models
- For Autodesk, Cloud Compare & More

## Technical Specifications

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance            | Galois M2 3D LiDAR Camera<br>Cool Gray                                                                                                     |
| Dimensions            | Height: 15 cm (5.9 in)<br>Width: 10.4 cm (4.09 in)<br>Depth: 20.85 cm (8.2 in)<br>Weight: 2.66 kg                                          |
| Laser LiDAR Scanner   | 940 nm Laser LiDAR<br>Scanning radius: 0.2–25 m<br>360° × 155° field of view<br>Less than 20 mm measurement error (at 10 m)<br>Class 1     |
| Imaging               | 3D Tour Resolution: 16K<br>CMOS: 4/3 inch<br>HDR exposures per frame: 5<br>Output pano pixels: 16384 × 8192                                |
| Storage               | 4GB LPDDR3 RAM, 16GB eMMC Storage                                                                                                          |
| Processor             | 4-Core Cortex-A53 and 2-Core Cortex-A72                                                                                                    |
| Battery               | 20V=1.9A 38W Type-C<br>Up to 8 hours of battery life<br>Approx. 3.5 hours to charge                                                        |
| Operating Environment | Working: 0°C–40°C (32°F–104°F)<br>Charging: 10°C–45°C (50°F–113°F)<br>Storage: -10°C–50°C (14°F–122°F)                                     |
| Packaging Contents    | Galois M2, Battery, Fisheye Lens Cap, LiDAR Cover, Warranty Card, 65W Type-C Adapter, Washable Lens Cloth                                  |
| Realsee App           | Realsee App<br>Download from Realsee site                                                                                                  |
| Deliverables          | Point Cloud: e57, ply<br>3D Model: obj, fbx, gltf, glb<br>Panorama: 16384 × 8192 pixels, 360° × 135° FOV<br>Spatial Video: 1080p / 720p HD |