

**MEMRECAM**

**GO<sup>5M</sup>**



**2560 x 2016 pixel resolution@1,900fps**

**Compact & Lightweight**

**128x128x135mm/2.9kg**

**Easy Control**

**Control via mobile device or PC**

**Battery powered for flexible operation**

# 5-Megapixel High Speed Camera

for R&D / Automotive Crash Safety



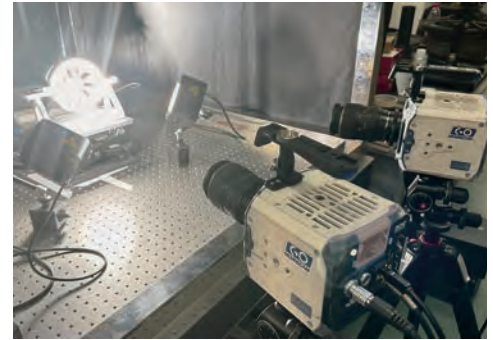
Introducing the MEMRECAM GO-5M, the third model of the GO series, capable of capturing 5-megapixel images at 1900 frames per second, the GO-5M is a go-to solution for a myriad of R&D applications including automotive crash safety testing, material development and much more. The GO-5M also provides a standout feature with memory backup capability to ensure the secure retention of crucial data that is invaluable for capturing one-time events like crash tests.



Crash Test



Chip Mounter



3D measurement for material development

## Specifications

|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Sensor                  | 5 Megapixel, CMOS                                                                            |
| Active Pixel            | 2560x2016                                                                                    |
| ISO (REI)               | ISO 80~ 2,500 (color)<br>ISO 320~10,000 (mono)                                               |
| Electric Shutter        | 1/10~1/250,000 sec                                                                           |
| Memory                  | 16GB / 32GB / 64GB                                                                           |
| Bit Depth               | Sensor output 10/12bit<br>*Switches automatically according to chosen fps<br>Recording 12bit |
| Lens mount              | F / C / EF                                                                                   |
| Interface               | 1000BASE-T / USB3.1 / USB2.0                                                                 |
| Camera Control          | Mobile device / PC                                                                           |
| Power                   | 13-32V DC                                                                                    |
| Memory back-up function | equipped                                                                                     |
| Dimensions (WxHxD)      | Approx. 128x128x135 (excluding protrusions)                                                  |
| Weight                  | Approx. 2.9kg                                                                                |

## Frame Rate / Resolution/Recording Time

※32GB model  
Sensor Output 10bit

| fps    | Pixel (H) x (V) | Recording Time in sec. |
|--------|-----------------|------------------------|
| 1,000  | 2560 x 2016     | 4.36                   |
| 1,900  | 2560 x 2016     | 2.29                   |
| 2,000  | 2560 x 1920     | 2.29                   |
| 3,000  | 2560 x 1216     | 2.41                   |
| 4,000  | 2560 x 864      | 2.54                   |
| 5,000  | 2560 x 672      | 2.62                   |
| 6,000  | 2560 x 512      | 2.86                   |
| 10,000 | 2560 x 256      | 3.43                   |
| 14,000 | 2560 x 128      | 4.91                   |
| 20,000 | 2560 x 32       | 13.75                  |

## Features



### Compact & Light Weight

Construction at 128x128x135mm, 2.9kg. Portable and suitable for various applications.



### Easy Operation

Simple and easy operation by mobile device without using exclusive software.  
\* Wireless device is required



### Compatible Connector

Synchronized with existing camera models.

Visit our website at [www.nacinc.com](http://www.nacinc.com)

Specifications described above are subject to change without notice.



## Contact

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