

MEMRECAM

GO



Compact High Speed Workhorse Smart, Reliable, Fast, and Portable

**1008x896 resolution @ 12,000fps (GO-12)
@ 9,000fps (GO-9).**

Even higher frame rates at reduced resolutions

Compact & Light weight

128x128x135mm /2.9kg

Superior Image Quality & Sensitivity

ISO 100,000(Mono)/ISO 20,000(Color) - Very Low Noise

MEMRECAM
Smart High-Speed Camera
GO

Features

**Compact/Light weight**

Compact and light weight camera body fits into tight spaces. Perfect for multi camera 3-D or Microscope applications.

**Web application control**

Camera control from web browser.
No dedicated control software / PC required

**Battery operation**

With the external battery option, there is no need for AC power to run the camera. Great for in-the-field use.

**On-camera control**

Built-in on-screen display allows user to view various functions as well as the status of the camera - without the need of an external monitor or PC

Specifications

Sensor	0.9M Pixel, CMOS
Active Pixel	1,008×896
ISO(REI)	ISO 2,000~40,000(color) ISO 10,000~200,000(mono)
Electric Shutter	1/10~1/909,000 sec
Memory	16/32/64GB
Memory Segment	Up to 64 Segments
Bit Depth	12bit
Lens Mount	F Mount (Support lenses without Iris ring) C Mount
HDR*	Allows more realistic depiction of brightness and darkness
Input/Output Signal	SYNC IN/OUT CMOS 5V TRIGIN CMOS 5V
Trigger Mode	NORMAL
Image Trigger	Triggered by detected shifts in pixel intensity.
Frame Straddling Shooting	Record continuous image pairs for PIV analysis Support minimum 210ns laser pulse.
Interface	1000BASE-T/USB3.1/2.0
Control	PC (MLink) or Pads (Web Application)
Power	13-32VDC
Dimension	Approx. 128×128×135mm (without protuberance)
Weight	Approx. 2.9kg

* Only monochrome. Only MLink support HDR with GO-9/12

Recording Time

※32GB model at 12-bit recording

fps	GO-12		GO-9	
	Pixel (H) × (V)	Time in sec	Pixel (H) × (V)	Time in sec
10~9,000	1,008 × 896	-	1,008 × 896	2.81
10,000	↓	2.53	1,008 × 800	2.83
12,000	↓	2.11	1,008 × 656	2.88
13,000	1,008 × 800	2.18	1,008 × 608	2.87
15,000	1,008 × 704	2.15	1,008 × 512	2.95
20,000	1,008 × 512	2.21	1,008 × 384	2.95
25,000	1,008 × 400	2.27	1,008 × 272	3.33
40,000	1,008 × 208	2.72	1,008 × 160	3.54
60,000	1,008 × 128	2.95	1,008 × 96	3.94
100,000	1,008 × 48	4.72	1,008 × 32	7.09
150,000	1,008 × 16	9.41	1,008 × 16	9.41
220,000	1,008 × 16	6.41	-	-

Configurations

Standard

- GO camcorder
- F-mount or C-mount adapter
- AC Adapter
- Operation Manual

Option

- PWR CTL cable
- Camera Handle
- Carrying Case
- Camera Battery & Rig



Visit our website at www.nacinc.com

Specifications subject to change without notice