



Advanced Test Equipment Corp.

Rentals • Sales • Calibration • Service



Smart High Speed Camera System

MEMRECAM



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

nac Image Technology Inc.

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	8/12bit
Lens Mount	F Mount (Support lenses without Iris ring) C Mount
Input/Output Signal	SYNC IN / SYNC OUT Trigger / PWR CTL
Trigger Mode	NORMAL
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

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