

MEMRECAM Q²m

2M Pixel Resolution at 2,000fps

High Sensitivity ISO 8,000 (Color) 32,000 (Mono)

*The World's Smallest, Self-Contained,
High Performance, Hi-G Camera*

new MEMRECAM Q2



High Resolution	1920 X 1080 Pixel
Megapixel	at 5,000fps
Hi-G Capability	200G
Compact Housing	62 x 62 x 87.5 mm

Features

- Adjustable Frame Rate
- Automatic Temperature Compensated Calibration
- Ultra-Fast Gig-E Interface with DataLock
- Data Security System – ResQ
- Memory Backup
- Memory Segmentation
- Multiple trigger Modes, Including Built-in HI-G Trigger Circuit
- Multi Camera Operation with Precise Synchronization
- IRIG-B Capture & Sync

Specifications

Sensor	Approx. 4/3" (19.2mm x 10.8mm)
Active Pixel	1920 X 1080
ISO (REI)	ISO 8,000 (Color) 32,000 (Mono)
Electric Shutter	Global, 1/100~1/909,090 sec. (1.1µs)
Memory	16GB
Memory Segment	Up to 16 Segments
Bit Depth	8bit / 10bit
Lens Mount	C
Record Time	4 sec (8bit) at 1920x1080 @2,000 fps
I/O Signal	Trigger/SYNC IN & OUT / POWER-CTL (5VTTL isolation IF)
Shock	200G 7ms, 150G 11ms
Auto Trigger Function	Triggered by shock using built-in G-sensor capable of measuring up to 200G, 3-axis
Memory Backup Time	Approximately 1 hour
Control	Nac MLink
Power	18-36VDC
Dimensions	W62 x H62 x D87.5mm,
Weight	600g

Resolution Chart

Frame Rate	Max Resolution	
2,000	1920	1080
2,500	1920	1024
3,000	1920	768
3,500	1920	720
4,000	1920	576
5,000	1920	512
6,000	1920	384
8,000	1920	320
9,000	1920	288
10,000	1920	240
15,000	1920	144
20,000	1920	96
30,000	1920	64
40,000	1920	48
50,000	1920	32
80,000	1920	16
100,000	1920	8

Preliminary and Subject to Change

Options

Standard Configurations

- Memrecam Q2
- C-Mount
- NAC Control Software MLink
- Operation Manual

Options

- F-Mount Adapter
- EF Mount Adapter
- Hi-G lens
- Carrying Case
- Q-Hub for multiple views
- MCFF Fast Conversion License
- External Hi-G Battery
- Hi-G Camera Holder

