



Providing quality and reliability since 1958

MEMRECAM Q1m

High Speed Camera System

1280 x 1024 up to 2,000 frames per second (fps)

62 x 62 x 65mm, 400g

HyGe for on-board use (150G, 11ms)



Memrecam Q1m Features

CMOS Sensor

1280 X 1024 @ 2000fps
all Active Pixels

Bit Depth

12/10/8-bit (selectable)

Adjustable Electronic Shutter

down to < 1us

Small Footprint

62mm x 62mm x 65mm, 400g

Shock Proof (HyGe)

150G for 11ms

Integrated "G" sensor

For Backup Triggering

2/3" c-mount

compatible with most lenses without vignette

Memory Backup Battery

Protect images in case of power loss

Emergency Data Recovery

Integrated Sync - IRIG-B and 1kHz

High resolution timing and sync to < 50ns

High Light Sensitivity

ISO 1000 (colour) ISO 6,000 (mono)

Power Input 20-32V DC

Power Consumption 20W



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MEMRECAM Q Series

High Speed Camera System

Q1m Resolution (examples)		Max FPS
Hor.	Vert.	
1280	1024	2000
1280	960	2130
1280	800	2540
1280	768	2650
1280	720	2820
1280	576	3500
1280	480	4170
1280	384	5170
1280	320	6140
1280	288	6780
1280	240	8030
1280	192	9850
1280	144	12730
1280	96	18000
1280	80	20880
1280	64	24860
1280	48	30710
1280	32	40170
1280	16	58020
1280	4	87030



Optional Q Hub : Provides Power, Trigger & Sync to cameras. Shown with Optional HyGe Battery to power the Hub and 4 cameras



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