

MEMRECAM Q1v

High Speed Camera System

640 x 480 up to 8,000 frames per second (fps)

62 x 62 x 65mm, 400g

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



Memrecam Q1v Features

CMOS Sensor

640 x 480 @ 8000fps
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 8000 (colour) ISO 32,000 (mono)

Power Input 20-32V DC

Power Consumption 20W



MEMRECAM Q Series

High Speed Camera System

Q1v Resolution (examples)		Max FPS
Hor.	Vert.	
640	480	8030
640	384	9850
640	320	11600
640	288	12730
640	240	14920
640	192	18000
640	144	22700
640	96	30170
640	80	34810
640	64	40170
640	48	47470
640	32	58020
640	16	74600
640	8	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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