



Memrecam MX Camera Hub Features

- **Camera Hub with 4 or 8 camera Ports**
- **Input Signals :**
Trigger, EST, IRIG-B, PWR CTL
- **Output Signals :**
Exposure Pulse, Status
- **1000BT / USB3.0**
- **HyGe**
150G (6-axis) Half Sine 11ms
200G (6-axis) Half Sine 7ms
- **20 - 32V DC**
- **195mm x 60mm x 160mm : 4Kg**
- **Easy connect, rotatable Coax upto 40m in length**
- **G-Sensor Trigger**
- **Memory Backup Battery**



Camera Heads

MCam (C-Mount)

3840 x 2160 @ 2000fps
interpolated

1920 x 1080 @ 2000fps
sensor resolution



MCamMFT (remote control)

3840 x 2160 @ 2000fps
interpolated

1920 x 1080 @ 2000fps
sensor resolution



M2-Cam (C-Mount)

2560 x 2048 @ 1000fps
interpolated

1280 x 1024 @ 1000fps
sensor resolution



M3-Cam (NF-Mount)

2560 x 2048 @ 1000fps
interpolated

1280 x 1024 @ 1000fps
sensor resolution



μ-Cam (S-Mount)

1280 x 912 @ 500fps
interpolated

640 x 456 @ 500fps
sensor resolution





M-Cam / M-Cam MFT					M2/M3-Cam			
Frame Rate	Resolution (examples) i - interpolated		Record Time 4 GB (8-bit)	Record Time 8 GB (8-bit)	Frame Rate	Resolution (examples) i - interpolated		Record Time 4 GB (8-bit)
FPS	Hor.	Vert.	seconds	seconds	FPS	Hor.	Vert.	seconds
1000	3840(i) 1920	2160(i) 1080	2.07	4.14	1000	2560(i) 1280	2048(i) 1024	3.12
2000	3840(i) 1920	2160(i) 1080	1.03	2.06	2000	1920(i) 960	1140(i) 720	2.95
2500	3840(i) 1920	1920(i) 960	0.93	1.86	3000	1572(i) 768	1152(i) 576	3.08
3000	3840(i) 1920	1440(i) 720	1.04	2.08	4000	1280(i) 640	960(i) 480	3.32
5000	3840(i) 1920	960(i) 480	0.93	1.86	5000	1024(i) 512	766(i) 383	4.16
8000	3840(i) 1920	592(i) 296	0.94	1.88	8000	1280(i) 640	480(i) 240	3.32

MX Series Camera Heads

	M-Cam	M-Cam MTF	M2-Cam	M3-Cam	µ-Cam
Interpolated Resolution	3840 x 2160 @ 2000fps 3840 x 1024 @ 5000fps		2560 x 2048 @ 1000fps 1280 x 960 @ 4000fps		1280 x 912 @ 500fps 1280 x 420 @ 1000fps
Sensor Resolution	1920 x 1080 @ 2000fps 1920 x 512 @ 5000fps		1280 x 1024 @ 1000fps 640 x 480 @ 4000fps		640 x 456 @ 500fps 640 x 210 @ 1000fps
Light Sensitivity	ISO 8000 Colour ISO 32000 Mono		ISO 2000 Colour ISO 10000 Mono		ISO 2000 Colour ISO 8000 Mono
Memory	4GB or 8GB		4GB		
Bit Depth	8bit / 10bit		8bit/10bit/12bit	8bit / 10bit	
Lens Mount	C-Mount	MFT Mount	C-Mount	NF-Mount	M10.5 Special
Dimensions (mm)	75w x 55h x 55d	80w x 66h x 55d	33w x 33h x 45d	39w x 25h x 29d (angle) 25w x 25h x 45d (Straight) 33w x 33h x 110d (adapter)	16w x 16h x 27d (angle) 15w x 16h x 16d (Straight) 33w x 33h x 110d (adapter)
Weight	470g	550g	100g	60g (camera head) 200g (adapter)	15g (camera Head) 200g (adapter)
HyGe	150G (6 axis) 11ms 200G (6 axis) 7ms	50G (6 axis) 11ms	150G (6 axis) 11ms 200G (6 axis) 7ms	150G (6 axis) 11ms 200G (6 axis) 7ms	150G (6 axis) 11ms

