



SPECIFICATIONS	Miro eX2	Miro eX4
Resolution (pixels)	640 x 480	800 x 600 ¹
Continuously Adjustable Resolution (CAR)	32 x 8	32 x 8
Frames-per-second (fps) at full resolution	10 – 1,246	10 – 1,265
Maximum frame rate	105,263 @ 32 x 16 resolution	111,100 @ 32 x 16 resolution
Exposure time (shutter speed)	5µs to 1/frame-rate	2µs to 1/frame-rate
Built-in memory	2 GB or 4 GB	2 GB or 4 GB
Memory segmentation	1-4	1-4
LCD touch screen interface	Yes, 3-1/2" 640 x 480	Yes, 3-1/2" 640 x 480 with 800 x 600 zoom
Image-based auto-trigger	Yes	Yes
ISO (ISO-12232 standard)	4800 Mono, 1200 Color	4800 Mono, 1200 Color
High-g rated	No	No
Non-volatile memory	Type 1 CompactFlash	Type 1 CompactFlash
Pixel bit-depth	8-, 10-bits	8-, 10-, 12-bits
Camera trigger and signals	<ul style="list-style-type: none"> • Trigger • Strobe • Video out 	<ul style="list-style-type: none"> • Trigger • IRIG-out/Strobe • Ready • FSync • IRIG-in • Video
10/100 Ethernet	Yes	Yes
Analog video out	PAL & NTSC	PAL & NTSC
Lensing	1" C-mount	1" C-mount, C- to F-mount adapter included
Size (without lens)	11.2 x 8 x 7.9 cm (W x D x H), 4.4 x 3.4 x 3.1 in	11.2 x 8 x 7.9 cm (W x D x H), 4.4 x 3.4 x 3.1 in
Weight (without lens)	1.5 lbs / 0.7 kg	1.5 lbs / 0.7 kg
Standard accessories	<ul style="list-style-type: none"> • Rechargeable, removable Li-Ion battery • AC power supply with power cord • 18" Capture cable with 3 BNCs <ul style="list-style-type: none"> • 5m Ethernet cable • Single-user software license <ul style="list-style-type: none"> • Software CD • 2 GB CF card • USB CF card reader 	<ul style="list-style-type: none"> • Rechargeable, removable Li-Ion battery • AC power supply with power cord • 18" Capture cable with 5 BNCs <ul style="list-style-type: none"> • 5m Ethernet cable • Single-user software license <ul style="list-style-type: none"> • Software CD • 2, 4, or 8 GB CF card • USB CF card reader
Camera power requirements	12 - 30 VDC, 12 W	12 - 30 VDC, 12 W
Operating temperature	0° C - 50° C	0° C - 50° C
Storage temperature	-20° C - 70° C	20° C - 70° C
Battery	Removable, replaceable Li-Ion, 7.4V, BP-511	Removable, replaceable Li-Ion, 7.4V, BP-511
Typical battery use time ²	30 minutes	30 minutes
Recording time (500 fps, full resolution, minimum bit-depth, 1GB memory)	7 seconds	4.47 seconds

Resolution/Speed Miro eX4:

H	V	FPS
800	600	1,260
640	480	1,940
512	480	2,400
512	384	2,980
512	256	4,430
512	128	8,580
512	64	16,100
320	240	7,150
256	480	4,460
256	256	8,140
256	192	10,600
256	128	15,300
256	64	27,500
128	128	25,400
128	64	43,000
64	64	58,800
32	32	95,200
32	16	111,100

¹ Very short focal length lenses may exhibit some vignetting in the extreme corners at maximum resolution. An F-mount adapter is included to be used in these situations.

² Highly dependent upon frame-rate, idle time, installed memory and battery AH rating.