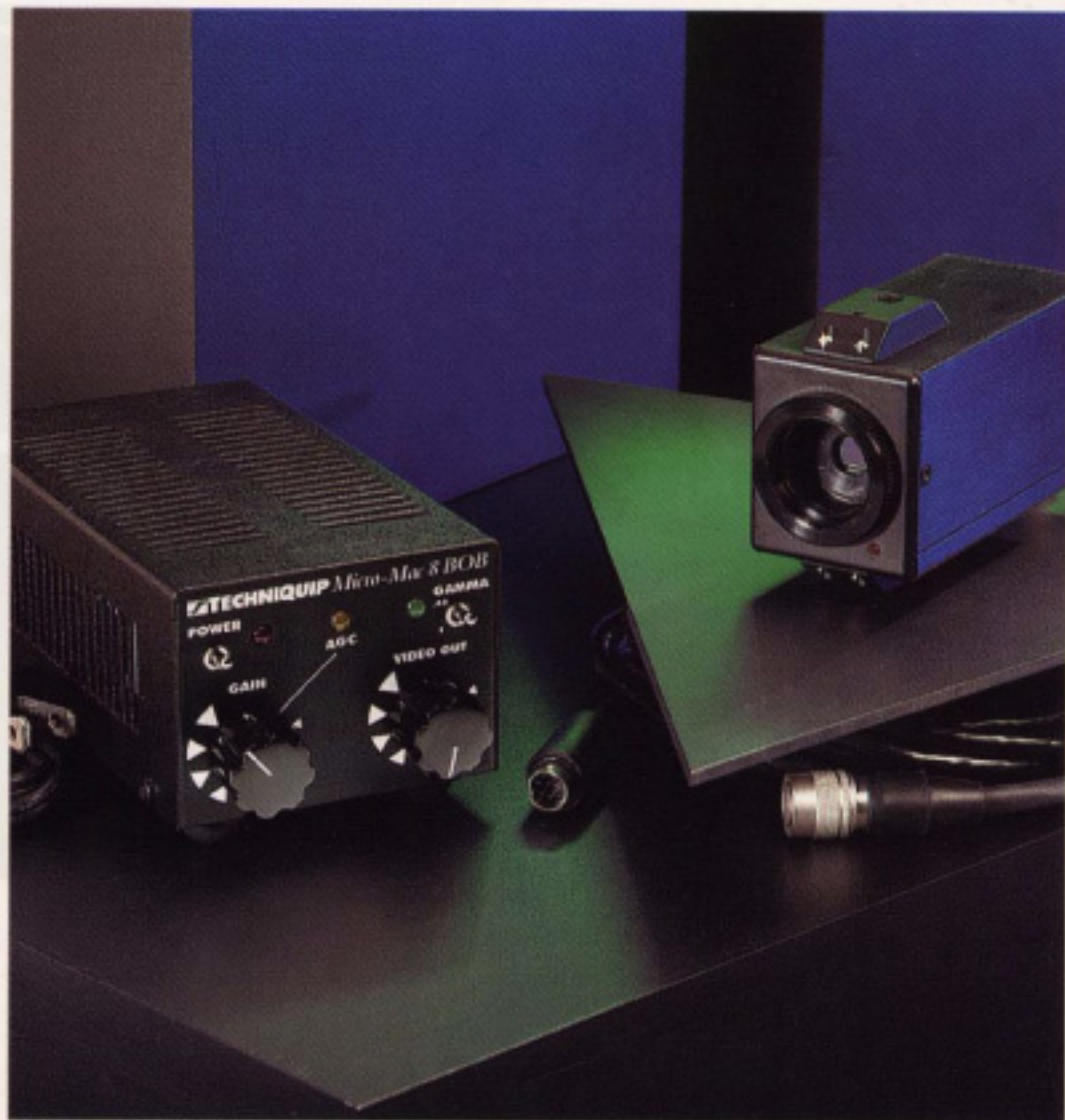


TECHNIQUIP



B&W Video Cameras & Systems

Highlights:

- High resolution, high sensitivity Black & White cameras.
- Microscopic & macroscopic applications.
- Electronic shuttering up to 10,000/sec.
- Components transform cameras into a video microscope.
- 1/2" and 1/3" formats available
- EIA standard, CCIR upon request

A range of high resolution video cameras and systems are available from TechniQuip. Our Micro-Mac® series of both color and black & white cameras offer significant performance features. The Micro-Mac® 8SG black & white CCD video camera offers high performance in a very small package. Low light sensitivity provides -6db video output at 0.01 lux. An array of 412,000 pixels delivers crisp images at a resolution measuring >600 horizontal TV lines. It also has a selectable 8-speed electronic shutter

(1/60th - 1/10,000th second). Gamma (0.25, 0.45, 1.0), ACG (or manual gain), video and power are remote via a single mini din connector. The MM-8SG is ideal for microscopy, image processing and other OEM video applications. The Micro Mac® 9 is our 1/3" low cost high resolution B&W camera. It offers increased magnification and 410 line resolution. For more information about these cameras as well as the other models available, please refer to the back of this data sheet.

TechniQuip can assist you with identifying a video camera or system to support your requirements.



Special and OEM
configurations
readily available.



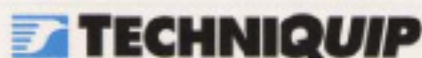
GENERAL FEATURES:

1. High resolution & low light sensitivity.
2. EIA or CCIR available upon request.
3. Electronic shutter can be selected for optimum speeds with the MM8SG BOB & 8SG-CM.
4. ACG or manual gain.
5. No lag or image retention, or geometric distortion.
6. Minimal bloom & smear.
7. Convenient self-contained design.
8. Excellent immunity to shock & vibration.
9. Supplied with 12VDC power pack (except for 8SG).
10. CS mount with C Adapter.
11. Complete range of lenses and accessories available.



MODEL SPECIFICATIONS:

	MM-8	MM-8 SG	MM-9
Image Device:	1/2" Interline Transfer	1/2" Interline Transfer	1/3" Format CCD
Picture Elements:	811(H) x 508(EIA)	811(H) x 508(EIA)	542 x 492(EIA)
Sensitivity:	.01 (-6db output)	.01 (-6db output)	.02 (-6db output)
S/N Ratio:	>48 db	>48 db	>48 db
Resolution:	600 TVL	600 TVL	410 TVL
Dimensions:	1.65 x 1.9 x 3.75"	1.65 x 1.9 x 3.75"	1.97 x 1.97 x 3.86"
Electronic Shutter:	Factory Selectable	Selectable	Selectable
Gamma:	.45 or 1 (Factory Selectable)	.45 or 1 (Factory Selectable)	.45 or 1
Gain:	AGC (Factory Selectable)	AGC (Factory Selectable)	AGC (On/Off)
Lens Mount:	C/CS (Adapter Supplied)	C/CS (Adapter Supplied)	C/CS (Adapter Supplied)
Input Power:	+12VDC 2.4 watts	+12VDC 2.4 watts	+12VDC 1.2 watts
Mounting:	(2) 1/4" - 20 Thread	(2) 1/4" - 20 Thread	(2) 1/4" - 20 Thread
Connectors:	BNC. Output BNC-Ext. Sync Input DC input jack	8 Pin Mini Din	BNC. Output BNC-Ext. Sync Input DC input jack



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