



Color Video Cameras

Highlights:

- *Microscopic & macroscopic applications.*
- *High resolution, high sensitivity Color Y/C cameras.*
- *Automatic electronic shuttering up to 10,000/sec.*
- *Components turn this into a video microscope.*

A range of high resolution video cameras and systems are available from TechniQuip. Our Micro-Mac® series of both color and black & white high resolution video cameras offer significant performance features. The Micro-Mac® 7 color video camera is a compact CCD unit with Y/C output that offers outstanding high resolution in pure, natural color for a wide variety of inspection and viewing applications. The CCD system offers exceptional sensitivity (.3 lux) for low light

operation. It's NTSC and Y/C output provide for better signal to noise ratio and increased contrast, in a convenient self contained design. The Micro-Mac® 10 CCD camera offers high resolution NTSC and Y/C video outputs at a reasonable price. PAL versions of the Micro-Mac® color cameras are available on request. Power packs are included with all color cameras. For more information about these cameras 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. NTSC & Y/C outputs for better resolution signal to noise ratio & increased contrast.
3. Automatic white balance (with preset override).
4. Electronic shutter can be selected for auto/manual.
5. AGC or manual gain.
6. No lag or image retention, or geometric distortion.
7. Minimal bloom & smear.
8. Convenient self-contained design.
9. Excellent immunity to shock & vibration.
10. Supplied with 12VDC power pack.
11. CS mount with C Adapter.
12. Complete range of lenses and accessories available.



MODEL SPECIFICATIONS:

12 Month Warranty

	MM-7	MM-10
Image Device:	1/2" Interline Transfer	1/2" Format CCD
Picture Elements:	768(H) x 494(NTSC)	768 x 494(NTSC)
Sensitivity:	.3 lux an CCD surface	1.5 Lux/f1.2
S/N Ratio:	>47 db (AGC off)	>45 db (AGC off)
Resolution:	450 TVL (500 TVL - "S")	450 TVL (500 TVL - "S")
Dimensions:	2.0 x 1.7 x 5.062"	2.0 x 2.0 x 6.0"
Electronic Shutter:	Auto/Manual	Auto/Manual
Gamma:	Auto/Manual (3200,4600,5600)	Auto/Manual (3200,4600,5600)
Gain:	AGC (On/Off)	AGC or manual
Lens Mount:	C/CS (Adapter Supplied)	C/CS (Adapter Supplied)
Input Power:	+12VDC 2.4 watts (300ma)	+12VDC 3 watts (250 ma)
Mounting:	(2) 1/4" - 20 Thread	(2) 1/4" - 20 Thread
Connectors:	BNC-NTSC Output BNC-Ext. Sync Input 4 Pin Mini Din - "S" Output 6 Pin Hirose - DC Input	BNC-NTSC Output 9 Pin Mini "D-Sub" - "S" Output 4 Pin Mini Din - Auto Iris

TECHNIQUIP

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