



Intelligent Vision Solutions

479 So. Stewart Street Suite 4 - Sonora, CA 95370 Telephone (209) 533-4783

Binocular, Trinocular and Digital Video Microscopes

Video inspection and documentation solutions for today's applications

INSPECTION, RE-WORK, TOUCH UP, TRAINING, & IMAGE CAPTURE

GM-8000 SERIES W/5-YEAR WARRANTY



OPERATIONAL FUNCTIONS:

Magnification range: 1.75 x to 90x. (Standard)

Working distance: 6" to 26".

Wall mounted backing plate w/6" extension post

Orbital arm attachment: 340° lateral adjustment, 360° head revolution, 180° Z-Axis

Depth of Field: (DOF) 6"

Field of View: (FOV) infinity down to 0.14" sq.

Reverse Imaging: Negative Polarity

Specification Sheet

DSP NTSC (Y/C) S-VHS

CCD Sensor	¼" Interline Color W/Negative Polarity
Minimum Illumination	1 Lux @ F: 1.2
Horizontal Freq	15.734 kHz
Vertical Freq	59.94 Hz
Scanning System	2:1 Interlace
Sync. System	Internal
Shutter Speed	1/60~ 1/10000
Camera Setup Function	ON-Off Control
Auto Gain Compensation	On (0~8 db)
Video Output Signal	VBS 1.0 Vp-p 75 Ohms
Power Supply	DC ~ 12 V
Power Consumption	160 mA
Lens Mount	CS
Lens Type	Macro Zoom/Par focal

Optional Viewing Screen Specification Sheet

17" TFT Screen	1280x 1024 resolution (v) SXGA
	AC Input 100~240V/1.8, 50-60Hz
Pixel Pitch	0.264 (H)x 0.264 (V) mm
OSD adjustment	Contrast, Brightness, Auto Tuning, Phase, H-Position, V Position, Input selection
I/O Interface Video Sync:	RGB analog 0.7V p-p TTL positive or negative Composite, Y/C

Options

Capture and non-contact measurement software

2x converter increases magnification to 170x

Lens Polarizer filter/deflects refractive properties and glare

Illumination: Fiber Optic ring light, dual point gooseneck light guides or Fluorescent ring light

FO color filter kit

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