

MAC Macro Zoom/XGA

Close-focusing macro video inspection system



Large depth of field

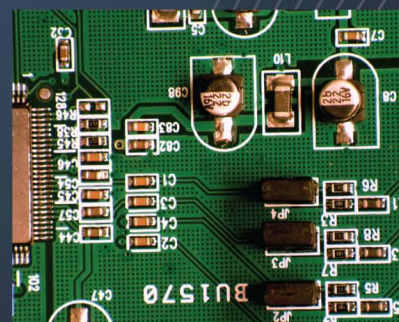
Retains clear depth perception throughout the entire zoom range.

Large range of working distance

up to 12' working distance with cover lens. Without close up lens, 16' ~infinity.

High resolution lens

Quality construction, coupled with precision engineering result in video optics that are sharp, high resolution, and optically precise.



Circuit Board @ 20X / 9in WD.

Macro Zoom Optical Specifications

Working Distance	Optical Specification with cover lens	
	FOV(mm)	Magnification Range with 17" monitor
7"	124-12.26	9.9x-61.9x
8"	154.66-15.2	6.2x-28.41x
9"	185.33-18.26	5.1x-30.5x
10"	210.66-20.8	4.4x-26.1x
11"	234.66-23.2	4x-23x
12"	284-28	3.7x-21.5x

Lens Specifications

Focal Length (mm)	8.5 - 90.0
Aperture	2.5
Zoom Ratio	6:1
Iris Control	Manual
Focus & Zoom Control	Manual
Video Mount	C mount
Format	1/2"

XGA at 60 FPS

1024 X 768 display resolution for 17" Monitor



MAC-PK5 XGA Systems

Dual arm boom stand packages

Package Contents

- Macro Zoom body
- Dual arm boom stand
- XGA camera
- Focus mount & adapter
- 17" LCD monitor
- Your choice of lighting

Package	Part Number
w/ Fluorescent Ring Light	MAC-PK5-FR-X
w/ Adjustable LED Ring Light	MAC-PK5-LED-X
w/ Fiber Optic Annular Ring Light	MAC-PK5-AN-X
w/ Fiber Optic Dual Pipe Light	MAC-PK5-DPL-X



MAC-PK3 XGA Systems

CF Articulating arm packages

Package Contents

- Macro Zoom body
- CF articulating arm
- XGA camera
- Focus mount & adapter
- 17" LCD monitor
- Your choice of lighting

Package	Part Number
w/ Fluorescent Ring Light	MAC-PK3-FR-X
w/ Adjustable LED Ring Light	MAC-PK3-LED-X
w/ Fiber Optic Annular Ring Light	MAC-PK3-AN-X
w/ Fiber Optic Dual Pipe Light	MAC-PK3-DPL-X



SCIENSCOPE XGA Camera

Included in all packages is the SCIENSCOPE XGA Camera which allows you to capture real-time video direct to any D-SUB (VGA) monitors at 60fps. This CCD is equipped with independent RGB controls allowing you to calibrate color output.

Camera Specifications

Sensor size	1/2"
Sensor type	CMOS
Display resolution	1024 x 768
Frame Rate	60fps
Output	D-sub 15 pin analog signal
Lens mount	C-Mount
Operating voltage	DC 5V
Dimensions	70mm x 52mm x 51mm