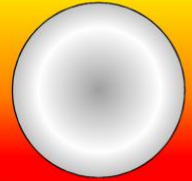




ASTRAL ELECTRONICS

SPECIAL CAMERAS



M63W1

Features:

Wide Dynamic Range 280:1

A human eye can adjust itself, to see objects over a large range of light conditions. The range is greater than 1000:1. A normal CCD camera has difficulty adjusting to large light variations, because its dynamic range is 3:1. The M63W1 is 90 times better than a standard CCD camera.

High Smear Rejection 154dB

Normal CCD cameras when exposed to very bright light will bloom and make it difficult to see parts of the image. The M63W1 camera will reduce this smear effect.



Rear M63W1

Specifications:

Model	M 63W1
CCD Size	1/3"
Resolution	480/520 TV line (410/480k pixel CCD)
Super Dynamic Range	280 : 1
Super Smear Rejection	154dB
OSD	Interactive OSD
Sensitivity (Lux)	0.4
Start light mode (Lux)	0.015
Chrome	Colour
Resolution TV line	520
Signal/noise ratio	60 dB Typical / 52 dB Minimum
Lens	C/CS
Size (mm)	50x50x115
Power Supply	DC 12V ±1V / 120mA

Normal CCD Camera



Foreground too dark

M63W1 Camera



Foreground and background visible



Poor view due to smear



Smear reduced view