



INFORCE SECURITY CORP.

DIGITAL VIDEO RECORDING AND SURVEILLANCE
BURGLAR, SMOKE AND INTRUSION DETECTION

63W3-Wide Dynamic Range Camera

1/3" High Resolution, Color, Wide Dynamic Range, CCTV Camera



Features

- 1/3" Sony Double Speed color CCD sensor with 410K Pixels and Mintron 20MIPS DSP.
- 580 TV line with Adaptive Edge Enhancement
- 0.4 Lux at F1.2 - 0.015 Lux in starlight mode
- On Screen Display, push-button controls.
- Enhanced Wide Dynamic Range mode allows simultaneous resolution of detail in bright and dark areas of field of view.
- Anti-smear mode constrains background light from over exposing the image (ie when you look through a window).

Description

A high resolution, long body, color CCTV camera, featuring "On Screen Display" controls, wide dynamic range, anti-smearing and frame integration. Frame integration allows the light sensitivity to be turned up to provide a minimum illumination range of from 0.8Lux down to an amazing 0.015Lux, in color. Wide Dynamic Range allows detail in both bright areas and dark areas in the same field of view to be resolved. Anti-smearing allows details to be seen against a very bright background. One particular application would be to view license plates on vehicles at night with their headlights on. Can be used Indoors or outdoors (requires housing), where color video is required at low illumination levels and/or when detail is required in bright and dark areas simultaneously or where details need to be resolved against a very bright background. OSD makes auto-iris and digital zoom control more flexible.

63W3 SPECIFICATIONS

Picture Element	811(H) X 508(V)	
Scanning System	525 lines, 60 fields/sec	
Sync System	Internal / VD-Lock (option)	
Illumination:	Legacy mode:	
	Star Light Mode:	0.4 Lux at F1.2
Gain Control:	Mode:	0.015 Lux at F1.2
	Range:	ATW / AWC / FIX
Resolution	580 TVL (Enhanced)	3200 ~ 10000 *K
S/N Ratio	50dB (MIN) / 60dB (TYP) (AGC OFF)	
Auto Iris	A.E.S. / DC Drive	
A.E.S.	1/60~1/100,000 sec.	
Video Output	NTSC Composite & Y/C output 1.0V p-p at 75 ohm	
Gamma Correction	0.45	
OSD Display	On Screen Display For All Controls Flickerless, BLC, Digital Zoom (2X), Mirror Function, Masking Area, Negative Image, Digital Gain Boost	
Wide Dynamic Range	48dB (280:1)	
Smear Rejection	154dB	
Operation Temp.	-20 °C TO 50 °C within 85%RH	
Power Source	AC 24V or DC 12V at 250mA	



Regular CCD Camera



Wide Dynamic Camera



Regular CCD Camera



Wide Dynamic Camera

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