



BDN12MPF38

Camera Compact Colour Day/Night
fixed 3.8mm Lens with I/R Integrated

Features

- 1/3" Format CCD
- Colour/ Black and white
- 330 TV Lines Resolution
- Operates on 12VDC
- 3.8mm F2.0 Lens
- Day/Night Capability
- Indoor and outdoor use

An excellent choice for round-the-clock monitoring and surveillance, the BDN12MPF38 board camera provides high-quality, standard-resolution images 24 hours a day.

General Specifications

Image Size	1/3" Format CCD Board Camera	
Scanning Type	PAL Day/Night Changeover	
Operation Temperature	-14°F to 122°F (-10°C to +50°C)	
Storage Temperature	-4°F to 140°F (-20°C to +60°C)	
Power Source	12VDC	
Lens Type	Fixed Aspherical with DC Drive	
Focal Length	3.8mm @ F2.0	
Field of View	Horizontal:	52.0°
	Vertical:	38.7°
	Diagonal:	65.6°

Video Specifications

Resolution	330 TV Lines
Minimum Illumination	2.0 Lux @ F2.0 (50 IRE Video Output)
Backlight Compensation	Yes
S/N Ratio	> 48dB (AGC OFF)
AGC	Auto

Functional Specifications

Type	Mono/Colour
Format	PAL
Video Processor	Sony DSP (55.11)
Scanning Element	2:1 Interlace, H: 15.734KHZ, V: 59.9Hz
Image Picture Element	1/3" High Sensitivity Sony® CCD
Effective Picture Element	51(H) x 49(V)
Backlight Compensation	Center Area
Synchronization	Internal
Gamma Compensation	0.45
Video Output	1.0 Vp-p, 75 Ohm Unbalanced
White Balance	Auto
ATW Range	2700°K to 9100°K
Power Range	12VDC/24VAC
Power Consumption	2.2 W Max
Operation Temperature	23°F to 113°F (-5°C to +45°C)