



## Mintron™ 83W7N-VF-VP

1/3" High Resolution, Color Vandal and Weather-Proof, Wide Dynamic Range, CCTV Camera



### Features

- ⚡ 1/3" Sony CCD
- ⚡ Vandal Proof
- ⚡ 540 TV Lines
- ⚡ 0.001 Lux in Star Light Mode
- ⚡ On screen display and push-button controls
- ⚡ Enhanced Wide Dynamic Range Function
- ⚡ 48 Motion Detection Zones
- ⚡ Super Digital Noise Reduction (SDNR) increased the S/N ratio to 52db

### Description

A high resolution, mini-dome, 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 from 0.05 Lux down to an amazing 0.001 Lux 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. **Recommended Use:** Indoors or outdoors 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.

Mintron™ MTV-83W7N-VF-VP	
MODEL	83W7N-VF-VP
TV System	NTSC
Picture Element	811(H) X 508(V)
Scanning System	525 lines, 60 fields/sec
Sync System	Internal / VD-Lock (option)
Minimum Illumination:	Legacy mode: 0.5 Lux at F1.2 Star Light Mode: 0.001 Lux at F1.2
Gain Control:	Mode: ATW / AWC / FIX (Zero color rolling) Range: 3200 ~ 10000 °K
Resolution	540 TVL
S/N Ratio	50dB ( MIN ) / 60dB ( TYP ) ( AGC OFF )
Auto Iris	A.E.S. / DC Drive
Lens	3-9mm vari-focal, auto-iris
A.E.S.	1/60 ~ 1/100,000 sec.
Video Output	Composite & Y/C output 1.0V p-p at 75 ohm
Gamma Correction	0.45
Gain Control	AGC On/Off
OSD Display	On Screen Display For All Controls
5 Push Button SW	For OSD Control Panel
Flickerless	Manually select by OSD
BLC	Manually select by OSD
Digital Zoom (2X)	Manually select by OSD
Mirror Function	Manually select by OSD
Masking Area	Manually select by OSD
Negative Image	Manually select by OSD
Digital Gain Boost	Manually select by OSD
Wide Dynamic Range	52dB
Operation Temperature	-20°C TO 50°C
Operation Humidity	within 85%RH
Power Source	DC 12V±1V / 250mA

### Sentry Security Systems Inc.

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