SUPERDOME® 700TVL(960H) Indoor Dome Camera w/ Auto-Iris VF Lens



1/3" EXVIEW HAD II CCD • Effio-E DSP • 3-Axis Construction • 2.8~12mm AVF Lens • 2DDNR(2D Digital Noise Reduction) • ATR(Adaptive Tone Reproduction) • L Size

Overview

High-Res 700 TV Line

The camera is powered by Sony Effio-E chipset that is embodied the top grade of the world at 700 TVL resolution be own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.

2D DNR (2D DIGITAL NOISE REDUCTION)

Reduces the image noise in order to improve the image quality of the camera, in particular, it reduces the noise which is generated under low-brightness shooting conditions and other high-gain states.

ATR : Adaptive Tone Reproduction

ATR improves the visibility of the entire picture by providing the optimum gradation compensation.

HLC : High light Compensation

Improves the visual recognition of license plates and other such objects by suppressing of masking strong light sources (such as the headlights of automobiles) in dark places.

OSD CAMERA SETUP

It has have a small program built-in to the camera to help users to setup the camera function without difficulties. No more reading a manual and tipping dip-switches to configure the camera.

FEATURES

- **3-Axis Construction** : By adjusting '3-Axis' control, you get a straight view regardless whether camera is installed on a wall or ceiling
- 1/3" Sony Super EXVIEW HAD II color CCD sensor
- High Resolution - 700 (H) TV Line in Color
- Minimum Illumination - 0.1 Lux at F1.2
- 2.8 ~ 12mm Auto-Iris Lens Installed
- OSD (On Screen Display) - Easy camera setup
- 2DDNR (2D Digital Noise Reduction) - less noise clear image quality at night

- ATR : Adaptive Tone Reproduction
- HLC : High light compensation
- DC 12V only

SPECIFICATIONS

Lens	2.8 ~ 12mm Auto-Iris Vari-focal lens
Resolution	700 TV Line
Sensor	Sony 1/3 inch ExView HAD II
Total Pixels	1020(H) × 508(V) 480K Pixel
Effective Pixels	976(H) × 494(V) 520K Pixel
Scanning System	2:1 Interlace
Synchronization	Internal
Frequency	Horizontal : 15.734Khz / Vertical : 59.94Hz
S/N (Y signal)	More than 52 dB (AGC off)
Video Output	CVBS : 1.0Vp-p / 75Ω
Min. Illumination	0.1 Lux at F1.2
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR / Manual / PUSH-LOCK
Electronic Shutter Speed	Auto / Manual / 1/60 sec ~ 1/100,000 sec (NTSC)
OSD	Built-in
Backlight Compensation (BLC)	BLC / HLC / OFF Selectable
Adaptive Tone Reproduction	ON / OFF (Level Adjustable)
2D DNR (2D Digital Noise Reduction)	ON / OFF (Level Adjustable)
Day & Night	Auto / COLOR / B&W
Privacy Mask	On / Off (8 Zone) w/ motion on : 4 zone
Motion detection	On / Off (4 Zone)
Image Conversion	On / Off
Operating Temperature / Humidity	−10°C ~ +50°C(14°F ~ 122°F) / 30% ~ 80% RH
Storage Temperature / Humidity	−20°C ~ +60°C(−4°F ~ 140°F) / 20% ~ 90% RH
Power	DC 12V

Dimensions	5.5"(D) x 4.0"(H)