STORM® 650TVL Dome Camera w/ Auto-Iris VF Lens



1/3" Sony Super HAD II CCD • HERO DSP • 3-Axis Construction • 2.8~12mm Auto Iris Vari-Focal Lens • 3DDNR(3D Digital Noise Reduction) • SENS-UP • True Day & Night(ICR) • Sing Scan WDR • HLM(High Light Mask Function) • DIS(Digital Image Stabilizer) • LSC(Lens Shading Compensation) • L-Size

Overview

AUTO IR CUT FILTER REMOVAL : ICR

At daytime, IR light is filtered away in the camera by the IR-cut filter in order to render color images that humans are used to. When light conditions are too dark to render color images, the IR-cut filter is automatically removed to enable the camera to make use of the IR light to produce a high quality black & white video.

OSD CAMERA SETUP

It has 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.

VANDAL-RESISTANT CASE

The poly-carbonated impact resistant dome can sithstand repeated blows from a 10-pound hammer and not break. They are perfect for prisons, banks, military installations and other high risk areas.

3-AXIS DOME CONSTRUCTION

Accompanying with 3-Axis construction, the Dome camera can be rotated, shifted horizontally or vertically so you can position the camera to get the pictures you need

FEATURES

- **STORM**® series camera : IP-68 Water & Vandal-proof
- **Easy Twist and Lock Installation** : No drilling thru camera required (Drill hole guide included)
- **3-Axis Construction** : By adjusting '3-Axis' control, you get a straight view regardless whether camera is installed on a wall or ceiling
- **TRUE Day & Night** : ICR (IR-Cut Filter Removal)

> Daytime Advantage : 'IR-Cut Filter' blocks infrared light causing color distortion.
> Night-time Advantage : By removing the 'IR-Cut Filter' at night, camera can take advantage of infrared light to enhance image brightness.

- 1/3" Sony Super HAD II color CCD sensor with HERO Chipset
- High Resolution - 650 (H) TV Line in Color
- Minimum Illumination - 0.3 Lux (Color) / 0.002 Lux (Sens-up × 256)

- Single Scan Wide Dynamic Range (SS-WDR) : shows more detail level in dark area at Semi-Realtime (15fps) speed
- 2.8 ~ 12mm Auto-Iris Zoom Lens Installed
- SENS-UP : intensified low light

> Instead of changing camera mode to B&W for enhancing image brightness, it stays in color mode and increases its shutter speed to gather more light to bright up the image.

- HLM - High Light Mask Function
- DIS - Digital Image Stabilizer
- LSC - Lens Shading Compensation
- OSD (On Screen Display) - Easy camera setup
- 3DDNR (3D Digital Noise Reduction) - Clear motion noise
- DC 12V or AC 24V **Dual Power** : Automatically detects by power input

SPECIFICATIONS

Sensor	1/3 inch SONY Super HAD II CCD
Total Pixels	811(H) × 508(V) 410K pixels
Effective Pixels	768(H) × 494(V) 380K pixels
Scanning System	2:1 Interlace
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz
S/N (Y signal)	More than 50dB (AGC off)
Video Output	CVBS : 1.0Vp-p / 75ohm
Min. Illumination	0.3 Lux at F1.2 (Color) / 0.002 Lux(B/W Sens-up × 256)
White Balance	ATW / AWC / PUSH / Manual
Electronic Shutter Speed	Auto / Manual (1/60 sec ~ 1/100,000 sec)
WDR (Wide Dynamic Range)	Auto / Off
OSD	Built-in
Backlight Compensation	Low / Middle / High / HLM / Off Selectable
AGC (Auto Gain Control)	Low / Middle / High / Off Selectable
3D DNR	Low / Middle / High / Off Selectable
Day & Night	Auto / Color / BW / CDS
Privacy Mask	ON / OFF (6 Zone)

Motion Detection	ON / OFF (240 Zone)
Image Conversion	FREEZE / V-FLIP / H-FLIP / ROTATE / NEGA : All ON / OFF Adjustable
DIS (Digital Image Stabilizer)	ON / OFF
LSC (Lens Shading Compensation)	ON / OFF
Digital Zoom	ON (× 1 ~ 10) / Off
Sharpness	Adjustable
Operating Temperature / Humidity	−10°C ~ +40°C(14°F ~ 104°F) / 30 ~ 80% RH
Storage Temperature / Humidity	−20°C ~ +60°C(−4°F ~ 140°F) / 20 ~ 90% RH
Power Source	DC 12V
Dimensions	6.0"(Ø) × 4.5"(H)