



Vandal Proof Dome Camera

DynaHawk™ 200 Series

**An Introduction to the
High Speed Dome Camera**



In Summary: “Vandal Proof Dome Camera”

- Vandal Proof Dome Camera has been designed in order to combat potential problem in areas where cameras are subject to such attack, or even harsh environments which may damage conventional cameras.
- The dome camera cover is manufactured from tough polycarbonate materials able to withstand blows from items such as club hammers, scaffolding poles and baseball bats.



Selectable Angle Coverage

- **View angle adjustable**
 - ✓ The viewing angle of the camera is manually adjustable
 - ✓ Horizontal 360 °
 - ✓ Vertical ± 90°
 - ✓ Rotation ± 45°
- **For both Ceiling and Wall Mounting**





Both Indoor and Outdoor

- **Compact Color Camera**
- **Weather resistant Housing**
 - ✓ meets international IP66 standards for dust and moisture resistance,
 - ✓ can be easily installed under eaves or exterior walls.
- **For both Indoor and Outdoor Installations.**





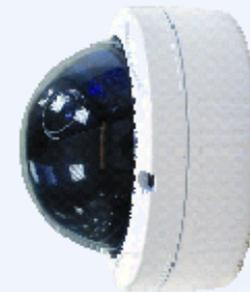
Best Choice

- **Best choice for installations in**
 - ✓ **stores**
 - ✓ **gas station**
 - ✓ **play grand**
 - ✓ **factory**
 - ✓ **office**
 - ✓ **home**
 - ✓ **showroom**



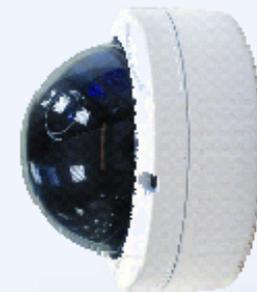
Key Camera Features

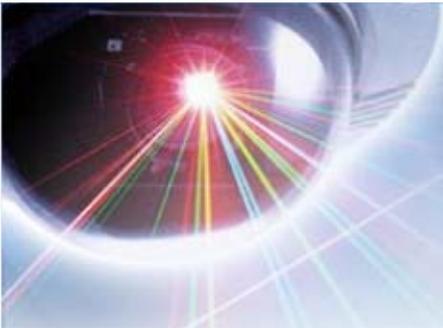
- **SONY 1/3" Super HAD/ ExView CCD sensor**
- **Sony Digital Signal Processor (DSP) IC for image control**
- **Equipped with 3.7-12mm Vari-Focal**
- **Middle Resolution 380 TV Lines**
- **High Resolution: 480 TV Line**
- **Minimum Illumination: 0.2 Lux**
- **S/N Ratio More than 50dB**



Special Features

- Auto Electronic Shutter
- Auto Gain Control (AGC)
- Auto Tracking White Balance (ATW)
- Back Light Compensation (BLC)
- Flickerless (FL)
- Mirror function
- Auto Exposure/ Auto Iris





Auto Electronic Shutter

- Automatically changes the speed at which light is captured in fields of video by the CCD image sensor.
- Determines the amount of light available and helps deliver the best quality video by dynamically adjusting for the current lighting conditions by toning down light levels in very bright situations and boosting brightness in low lighting situations.





Auto Gain Control (AGC)

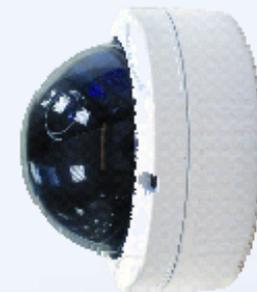
- A circuit for automatically controlling amplifier gain in order to maintain a constant output voltage with a varying input voltage within a predetermined range of input-to-output variation.





Flickerless Mode

- Allow for superior image quality in a wide range of lighting environments.
- Eliminates flicker and color hunting caused by intense fluorescent lighting and is intended for use with fluorescent microscopes
- Specially designed for Japanese market.



White Balance Compensation

- Calibrate a camera's color response to take into account different color temperatures of light.
- Define the lighting conditions and ensures image quality.
- Failure to white balance could result in an unsightly, unnatural color cast.



Without white balance



After white balance

Backlight Compensation

- **BLC** (Backlight compensation)

indicates the image sensor's ability to automatically adjust in conditions where lighting is from behind the camera to deliver the sharpest and highest quality video image.



Thank You

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For more information, please visit www.dynacolorusa.com.

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