Compact Color Bullet Cameras
TRUE Day/Night Bullet Camera

S35CHPS / S35CHPS36

S230CWPS

SDN655PS

Product Summary

Color Bullet

The **S230CWPS** bullet style camera is a small full-featured camera. The small size of the camera, only 23mm in diameter permits use in a wide variety of CCTV applications, when covert or near covertness is required – such as residential applications.

The camera incorporates a high-resolution CCD (380TVL) with a 3.6mm fixed iris lens into a small and unobtrusive housing.

The video and power connections to the camera is a standard BNC connector and power pin for 12VDC operation. A 12VDC power supply and a rear-style wall or ceiling mount are included with the camera. The camera is quick and easy to install in a variety of applications.

Color Day/Night Bullet

The small size of the **S35CHPS / S35CHPS36** bullet style cameras - only 37mm in diameter including IR LEDs permits use in a variety of CCTV applications. The cameras incorporate a high-resolution (550TVL) color CCD with either a 3.6mm or a 6mm fixed iris lens into a small, unobtrusive and weather resistant housing with sunshield.

The built-in IR illumination of six IR LEDs allows this camera to produce a black and white image in the absence of any visible light (0 lux condition). The IR illumination provides coverage up to 10 meters (30-ft). As conditions approach near darkness, the camera automatically switches the IR LEDs on to illuminate the camera field of view.

TRUE Day/Night Bullet

The **SDN655PS** bullet style camera features the SONY® HQ1 chip set and offers TRUE Day/Night capability with an automatic switching IR filter. The camera offers 18 IR LEDs projecting IR illumination to nearly 50-feet. The camera incorporates a high-resolution (550TVL) color CCD with 3.8-9.5 aspheric varifocal auto-iris lens into a 2.4" diameter by 5.71" long weather resistant housing with sunshield.

IR Illumination

The built-in IR illumination allows the cameras to produce a black and white image in the absence of any visible light (0 lux condition). The IR illumination of the **S35CHPS / S35CHPS36** series to provide coverage up to 10 meters (33-ft), and the SDN655PS provides coverage up to 15 meters (50-ft). As conditions approach near darkness, the cameras automatically switch the IR LEDs on to illuminate the camera field of view. The **SDN655PS** switches an internal IR filter out of the field of view offering a further improvement in low-light level viewing, for TRUE Day/Night performance. Both of these IR bullet cameras use a dual housing window design to prevent IR LED reflection problems.

Note: Illumination performance is a function of reflective objects in the camera's field-of-view. Outdoor nighttime viewing is improved with the addition of external visible lighting.

The video and power connections to the cameras are a standard BNC connector and power pin for 12VDC operation. The cameras include a 12VDC power supply. All models include a wall or a ceiling mount. The cameras are quick and easy to install in a variety of indoor or outdoor applications, and are the perfect solution when both color and low-light imaging is required.

Features

Color

- Ultra compact size – .9" diameter X 2.9" long
- Attractive design with non-reflective coating
- Anodized aluminum housing
- Rear-style swivel mount bracket included
- 3.6mm wide angle lens
- 12VDC power supply included

Color Day/Night

- Compact size – 1.5" diameter X 3.6" long
- Attractive design with non-reflective coating
- AGC, ATWB and Backlight compensation
- Rain and fog resistant glass coating
- Weather resistant anodized aluminum housing and sunshield
- Bottom-style swivel mount bracket included
- 3.6mm wide angle or 6.0mm lens options
- 12VDC power supply included
- Both of these IR bullet cameras use a dual housing window design to prevent IR LED reflection problems.
- Dual glass housing window

TRUE Day/Night

- Small size – 2.4" diameter X 5.71" long
- Automatic mechanical IR-Filter switch
- Weather resistant anodized aluminum housing and sunshield
- Top, bottom, rear-style swivel mount bracket included
- 3.8-9.5mm Aspherical VF AI lens
- 12VDC power supply included
- Dual glass housing window

Ordering Guide

SCN#	Item
S230CWPS	Color Bullet Camera, 3.6mm, 12VDC power supply, white case, mount
S35CHPS36	Color Day/Night Bullet Camera, w/LEDs, 3.6mm, 12VDC power supply, white case, mount
S35CHPS	Color Day/Night Bullet Camera, w/LEDs, 6mm, 12VDC power supply, white case, mount
SDN655PS	TRUE Color Day/Night Bullet Camera, IR filter, w/18 LEDs, 3.8-9.5mm VF AI lens, 12VDC power supply, white case, mount

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Specifications

Image Sensor

Color Bullet:	1/3" IT CCD, 510 (H) x 492 (V) Pixels
Color Day/Night Bullet:	1/3" IT CCD, 768 (H) x 494 (V) Pixels
TRUE Day/Night Bullet:	1/3" IT CCD, 768 (H) x 494 (V) Pixels

Resolution

Color Bullet:	> 380 Lines
Color Day/Night Bullet:	> 550 Lines
TRUE Day/Night Bullet:	> 550 Lines

Lens

3.6mm, fixed iris	S230CWPS, S35CHPS36
6mm, fixed iris	S35CHPS
3.8-9.5mm VF, AI, IR, Aspherical	SDN655PS

LED Illumination (S35C Series)

LEDs:	6-total, 10 meter beam
Wavelength:	850nm
Beam Length:	10 meters (~30-ft)
Half angle:	+/- 15 degrees
Sensor Detection Range:	10 lux min, 30 lux max, 15 lux avg

LED Illumination (TRUE Day/Night Only)

LEDs:	18-total, 15 meter beam
Wavelength:	850nm
Beam Length:	15 meters (~50-ft)
Half angle:	+/- 15 degrees
Sensor Detection Range:	1.5 lux min, 10 lux max, 5 lux avg

Electronic Iris

1/60 ~ 1/100,000 Sec.
(TRUE Day/Night Bullet: 1/60 ~ 1/50,000 Sec.)

Minimum Illum.

Color Bullet:	0.5 lux, F2.0
Color Day/Night Bullet:	0.0 lux (IR LEDs on)
TRUE Day/Night Bullet:	0.0 lux (IR LEDs on)

Video Output

1.0Vp-p (75-ohms), Video BNC

Camera Connectors

BNC / Power (12VDC power supply included)

Dimensions

Color Bullet:	0.9" dia. x 2.9" (23mm dia. x 74mm)
Color Day/Night Bullet:	1.5" dia. x 3.6" (37mm dia. x 92mm)
TRUE Day/Night Bullet:	2.4" dia. x 5.7" (60mm dia. x 145mm)

Power *

Color Bullet:	12 VDC, 1.5 w (max)
Color Day/Night Bullet:	12 VDC, 3.0 w (max)
TRUE Day/Night Bullet:	12 VDC, 6.0 w (max)

*** 12VDC power supply included**

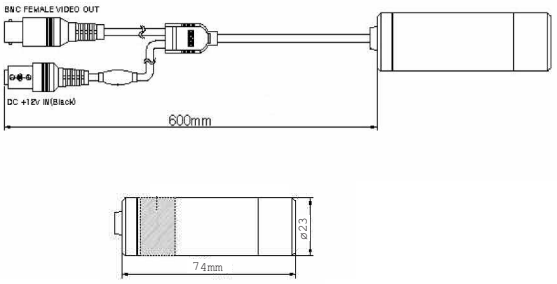
Operating Temperature

Color Bullet:	14˚F ~ 122˚F (-10˚C ~ +50˚C)
Color Day/Night Bullet:	-4˚F ~ 122˚F (-20˚C ~ +50˚C)
TRUE Day/Night Bullet:	-4˚F ~ 122˚F (-20˚C ~ + 50˚C)

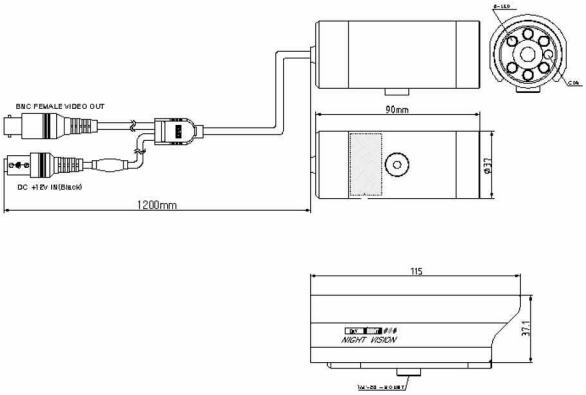
Environmental

TRUE Day/Night Bullet	IP67 rated
Color Day/Night Bullet	IP67 rated

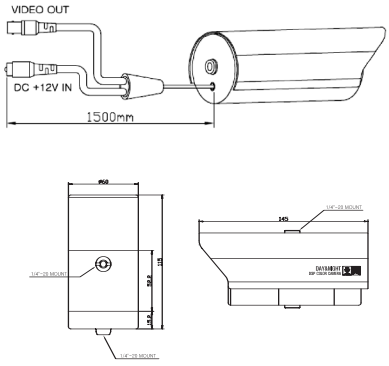
S230CWPS



S35CHPS / S35CHPS36



SDN655PS



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