

SAMSUNG

SAMSUNG DIGIT*all*
everyone's invited™

Strong enough to handle any impact

Approved IP66
Vandal-Proof Color Dome Camera

SVD-4020

- Built-in 2.5X/2.4X Varifocal Lens
- Quick & Easy Installation

www.samsungcctv.com



Absorbs the impacts with perfect vandal-proof design

Samsung Techwin's new color vandal dome camera SVD-4020 is a high-performance camera which is available in flush or surface mount. With die-cast aluminum bodies and 3.5mm thick polycarbonate dome, the unit catches the perfect image at any time and any place without damage to the camera.

All models feature backlight compensation, 2.5X/2.4X varifocal lens, high sensitivity of 0.8 Lux at F1.3, 480TV lines of horizontal resolution, white balance, flickerless, sharpness, additional video output, and dual voltage of 24VAC and 12VDC.



Features

- ▶ Vandal Resistant, Rugged & High Impact
- ▶ Protection Against Rain & Wind (IP66)
- ▶ Built-in Auto Iris 2.5X/2.4X Varifocal Lens
- ▶ 0.8 Lux at F1.3, High Res. 480TVL
- ▶ Local Video Output for Setup
- ▶ BLC, White Balance, Sharpness, Flickerless
- ▶ Two types of installation (Flush or Surface Mount)
- ▶ Dual Voltage 24VAC / 12VDC



Shock resistant design absorbs external shocks

The SVD-4020 is equipped with die-cast aluminum bodies and 3.5mm thick polycarbonate dome. The unit is durable enough to withstand strong external impacts such as by a hammer of approximately 16 pounds.

It is the result of the severe impact test using a modified method of 'UNDERWRITERS LABORATORIES(UL) STANDARD IMPACT TEST PROCEDURE'

Moreover security hexa screws of the dome camera are used for preventing any attempts to steal or break the camera.

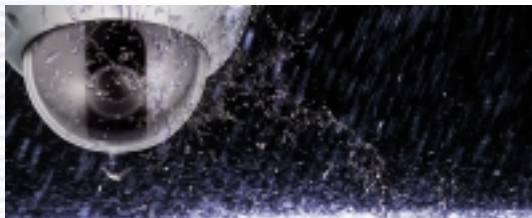


Vandal-Proof Color Dome Camera SVD-4020



IP66 Approved / Dust and Rain Resistant

With dust and rain resistant design which meets IP66, the unit can be installed outside under building eaves or places that are exposed to the dust and rain.



Easy installation

The unit is installed by two types of installation with flush or surface mount. When the camera is installed with flush mount, the unit can be installed into an existing two-gang junction box.



Flush Mount

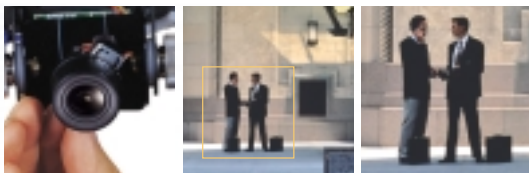


Surface Mount



Built-in Auto-Iris 2.5X/2.4X Varifocal Lens

The SVD-4020 includes a built-in auto iris lens available in 2.4X (2.5 to 6.0mm) and 2.5X (3.8 to 9.5mm) varifocal lens configurations, so the dome can be employed in a wider variety of applications. The viewing angle of the camera can be adjusted 360 degrees horizontally and tilted 90 degrees allowing for easy changes after installation.



2.5X

It is possible to connect the additional video-output to control the camera image in installing the camera on the spot monitor screen.



Outstanding Picture Quality

The SVD-4020 provides a clear and crisp image of 480TV lines by using a high density CCD having effective 410,000 pixels (NTSC) and 470,000 pixels (PAL), and high sensitivity of 0.8 Lux at F1.3.



White Balance (ATW)

ATW function allow the camera to adjust the white balance automatically in response to light conditions.



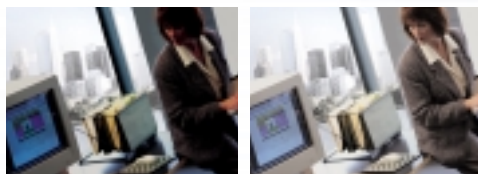
Sharpness Control

When the image is needed to be clearer, the sharpness control function emphasize the image distinctly.



Backlight Compensation

The backlight compensation technology allows the camera to find the best picture conditions in any environment and automatically gives a necessary light level compensation, so that you can always obtain the clear picture, the finest detail and perfect light contrast.



Normal

BLC



Dual Power (24VAC / 12VDC)

The unit accepts either 24VAC or 12VDC power sources and will automatically switch to the appropriate mode upon receiving power.

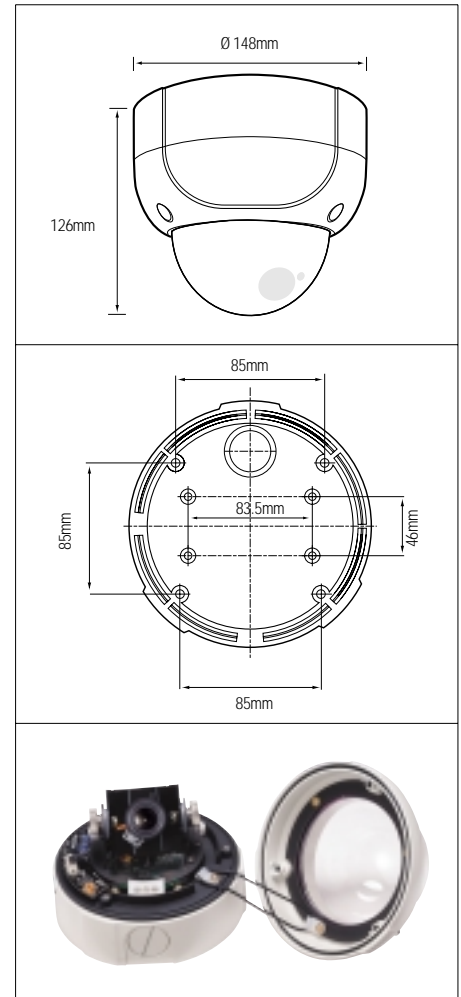
SVD-4020



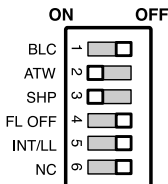
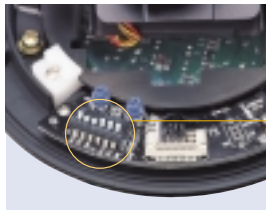
Specifications

| Item | SVD-4020N | SVD-4020NW | SVD-4020P | SVD-4020PW |
|-----------------------|--|--|--|--|
| Power Source | AC 24V, 60Hz / DC 12V | | AC 24V, 50Hz / DC 12V | |
| Power Consumption | 3.5W (Max) | | | |
| Synchronization | INT/LL Selectable | | | |
| Image Pick-up Device | 1/3" Color Interline-Transfer CCD | | | |
| Total Pixels | 816(H) x 494(V) | | 798(H) x 584(V) | |
| Effective Pixels | 771(H) x 492(V) | | 753(H) x 582(V) | |
| Scanning | 2:1 Interface | | | |
| Min. Illumination | 0.8Lux at F1.3 | | | |
| Resolution | 480TV Line | | | |
| Video Output | 1Vp-p Composite 75Ω unbalanced | | | |
| Scanning Frequency | 15.734KHz (H) / 60Hz (V) | | 15.625KHz (H) / 50Hz (V) | |
| AGC | Built in | | | |
| White Balance | ATW / AWC Selectable | | | |
| BLC Function | ON / OFF Selectable | | | |
| Sharpness | High / Normal Selectable | | | |
| Flickerless | ON / OFF Selectable(ON : 1/100sec) | | ON / OFF Selectable(ON : 1/120sec) | |
| Lens Type | 25X Varifocal, f=38-95, F=1:1.3-2.0 | 24X Varifocal, f=25-60, F=1:1.3-1.9 | 25X Varifocal, f=38-95, F=1:1.3-2.0 | 24X Varifocal, f=25-60, F=1:1.3-1.9 |
| | DC Iris Lens adjustabl | | | |
| S/N | more than 48dB (weight ON) | | | |
| Operating Temperature | -10°C ~ +50°C [14°F ~ 122°F] / 30% ~ 90%RH | | | |
| Dimension | Ø148(W) x 126(H)mm | | | |
| Weight | 1.4kg | | | |
| Monitoring Angle | Pan | -170° ~ +170° | | |
| | Tilt | 20° ~ 90° | | |

Dimensions



Function Selection Switch



Optional Accessories

Pendant Mount Wall Mount



STB-319VP



STB-249VW



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