

Vandal-Proof!



Various add-ons, outdoor applications with installation brackets
Robust Vandal-Proof Dome Camera **SVD-4600**



Multi-language OSD

The SVD-4600 allows easy and convenient OSD menu setting by supporting multiple languages, including Spanish, French, German, Italian and Chinese.



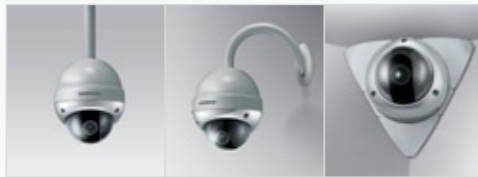
Enhanced Motion Detection & Privacy Masking

The SVD-4600 allows the user to configure up to 8 areas for motion detection in desired colors and forms and to use the Zoom function along with motion detection. The user can also specify up to 6 different colors for privacy masking areas.



Installation brackets for various applications

The SVD-4600 comes with installation brackets that are intended for various applications including wall, ceiling or corner mounting. Because it does not require any extra housing for outdoor application, it can be installed in any place easily at an affordable cost.



Applications for public safety facility, government & public offices, police stations

The SVD-4600 is the perfect choice for a video security system at government & public offices, police stations, and detention or public safety facilities.



High Resolution WDR Vandal-Proof Dome Camera

SVD-4600



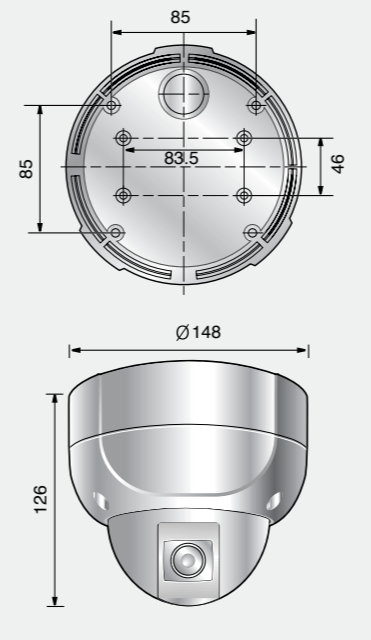
Specifications

Mode	SVD-4600N	SVD-4600P
Power Source	24V AC / 12V DC (±10%)	
Power Consumption	Max. 3.5W	
Image Pick-up Device	1/3" Super HAD CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	2 : 1 Interlace
Scanning System	525 Lines / 60 Fields / 30 Frames	625 Lines / 50 Fields / 25 Frames
Synchronization	Internal / Line lock selectable	
Scanning Frequency	Horizontal : 15,734KHz / Vertical : 59.94Hz	Horizontal : 15,625KHz / Vertical : 50Hz
Horizontal Resolution	Color : 560TV lines (Min.) / B/W : 700TV lines (Min.)	
Video Output	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)	1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)
Zoom Ratio	2.5X Varifocal, 3.8 ~ 9.5mm (F1.2)	
Angle Field of View	37.3° ~ 95.5°	
Digital Zoom	On / Off (2X ~ 10X)	
S / N Ratio (Y signal)	52dB (AGC off, Weight on)	
Min. Illumination	0.3Lux@F1.2 (Normal color mode)	0.01Lux@F1.2 (B/W mode)
	0.001Lux@F1.2 (Sens-up mode)	
Wide Dynamic Range	52dB	
Back Light Compensation	WDR / BLC / Off selectable	
Day & Night	Color / B/W / Auto selectable (ICR filter change)	
Gain Control	Low / Middle / High / Off selectable	
White Balance	ATW / AWC / Manual selectable (1,800°K ~ 10,500°K)	
Electronic Shutter Speed	Auto / Manual selectable (1/60 ~ 1/120,000)	Auto / Manual selectable (1/50 ~ 1/120,000)
Sens-up	On / Off (Selectable limit ~ 256X)	
OSD	Multi-language support (English, Japanese, Spanish, Korean)	Multi-language support (English, French, German, Spanish, Italian, Chinese)
SSNR	On / Off selectable (Level adjustable)	
Motion Detection	On / Off selectable (Output via terminal)	
Privacy Function	On / Off selectable (Max. 32 zones / 4 Programmable zones per screen)	
Mirror	On / Off selectable	
Flip	On / Off selectable	
Monitoring Angle	Pan : 0° ~ 340° / Tilt : 0° ~ 146°	
Digital Image Stabilizer (DIS)	On / Off selectable	
Dust / Water Proof	IP66	
Protocols	STW, PELCO-D	
Communication	RS-485	
Operating Temperature	-10°C ~ +50°C	
Operating Humidity	20% ~ 90% RH	
Dimensions	Ø148(W) x 126(H)mm	
Weight	1.3Kg	

* IP66 (Ingress Protection) - Fully supported with proper camera installation

Dimensions

Unit : mm



Accessory



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.

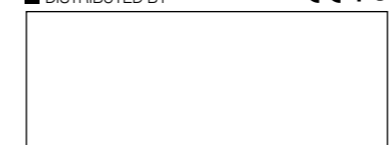


SAMSUNG TECHWIN CO., LTD.
145-3, Sangdaewon 1-dong, Jungwon-gu,
Seongnam-si, Gyeonggi-do Korea 462-703
Tel : +82-31-740-8151-9 Fax : +82-31-740-8145
www.samsungcctv.com

SAMSUNG OPTO-ELECTRONICS UK, LTD.
Samsung House, 1000 Hillwood Drive,
Hillswood Business Park Chertsey, Surrey KT16 0PS
Tel : +44-1932-45-5308 Fax : +44-1932-45-5325

TIANJIN SAMSUNG OPTO-ELECTRONICS CO., LTD.
7 Pingchang Rd., Nankai Dist. Tianjin 300190, P.R.China
Tel : +86-22-2761-4724(33821) Fax : +86-22-2761-6514

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I.D-0802

SVIV

Impact-Proof

Only the **strong** survive...



SVD-4600

imagine Tough Dome with Super Vision

The SVD-4600 is a tough vandal-proof dome camera that consists of a die-cast dome body and a polycarbonate dome cover. It has Samsung Techwin's 4th generation DSP chipset SVIV built in to give ultra low light imaging at 0.3Lux, ICR Day & Night, and 128X WDR features. It is a versatile dome camera for indoor/outdoor applications, that provides enhanced additional features such as Multi-language OSD and DIS image shake correction.

SAMSUNG TECHWIN



A robust dome camera overcomes harsh weather conditions, shocks and image blurring!

Super Strength

High Resolution WDR Vandal-Proof Dome Camera

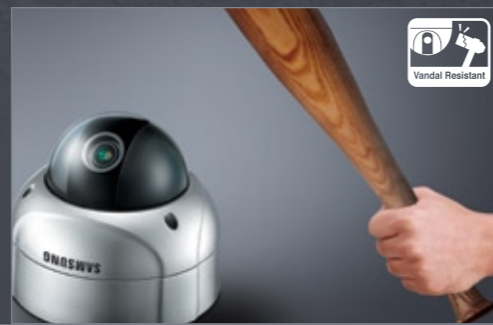
SVD-4600



1 Vandal-Proof!

Super Solidity

Incredible durability with high strength aluminum and polycarbonate!



2 Weather-Proof!

Dust and Waterproof

International IP66 specification certified, stable performance even in rainstorms and dusty locations, outdoor application supported without any extra housing!



3 Noise-Proof!

No Low Light Noise, Superb Image Quality

Highly efficient DNR through 3D filtering enabled by the 4th generation DSP SVIV, superb image quality (560TV lines for color, 700TV lines for B/W)!

SVIV
Powerful DSP Engine



Versatile high quality imaging with state-of-the-art **SVIV** DSP! High Resolution WDR Vandal-Proof Dome Camera, **SVD-4600**



Excellent impact-resistance through die-cast aluminium body!
Enhanced stability with certified dust and waterproof features.

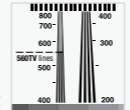
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Ultra High Resolution of 560TV Lines

The SVD-4600 is equipped with SVIV to give the world's best horizontal resolution of 560TV lines for color and 700TV lines for B/W, providing excellent image quality.

EIAJ Test Chart



128X WDR Backlight Compensation

The SVD-4600 enables 128X better WDR backlight compensation by finding and compensating the best blending ratio of shutter speeds through the application of pixel-unit precision image analysis technology.



Ultra Low Light Imaging at 0.3Lux, SSNR II

While the excellent light detection capability of SVD-4600 enables ultra low light imaging at 0.3Lux, its 3D filtering noise reduction technology SSNR II enhances low light image quality even further.



ICR Type Day & Night

Automatic filter change (ICR) Day & Night function gives optimal image quality in response to illumination changes.



Built-in 2.5X Variable Focus Lens and 3-Axis Rotation Dome

Equipped with a 3.8 ~ 9.5mm 2.5X variable focus lens, the SVD-4600 allows the user to adjust the viewing angle freely based on the installation setting. Since the dome base rotates around 3-Axis, optimal image quality is ensured even when the camera is installed on a wall or angled surface.



Vandal-proof and High Strength Dome

Since the SVD-4600 is encased in a die-cast aluminum body and polycarbonate dome cover, it is unbreakable, even under an 8Kg impact, showing excellent durability.



IP66-certified Dust and Waterproof

Certified with the international dust/water proof standards IP66, the SVD-4600 prevents the operational failure or rapid aging which can occur due to rainstorms or tiny dust particles.



DIS Image Shake Correction

The SVD-4600 ensures effective compensation for camera shake caused by abrupt weather changes or severe wind through its Digital Image Stabilizer (DIS).



Built-in BLC for optimized backlight blocking by area

The SVD-4600 sets a backlight blocking zone that is optimised for the user environment through an intelligent User BLC function.

