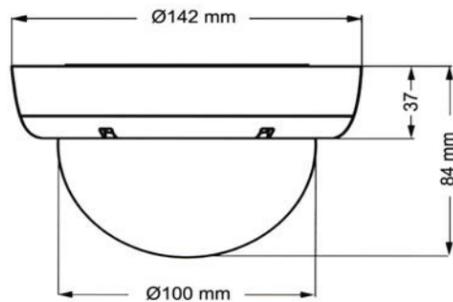


WIV AHDV-906

Armour Dome Vandal & Weather proof CCTV Camera

Hi-impact polycarbonate made of ultra high grade Aluminium
and painted by static powder technology

IP-67



Specifications- PAL system

Power Source	12V DC (±10%)
Power Consumption	Max. 3.5W
Image Pick-up Device	1/3" Vertical double density interline CCD
Total Pixels	795(H) x 596(V)
Effective Pixels	752(H) x 582(V)
Scanning System	2 : 1 Interlace
	625 Lines / 50 Fields / 25 Frames
Synchronization	Internal / Line lock
Scanning Frequency	Horizontal : 15,625KHz / Vertical : 50Hz
Horizontal Resolution	Color : 580TV lines (Min.) / B/W : 700TV lines (Min.)
Video Output	1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)
Lens	3.2X Auto iris varifocal lens, 2.9 ~ 10mm (F1.2)
Angle Field of View	35.3° ~ 105.5°
Digital Zoom	On / Off selectable (2X ~ 10X)
S / N Ratio (Y signal)	52dB (AGC off, Weight on)
Min. Illumination	0.15Lux@F1.2 (Normal color mode, 50 IRE) 0.01Lux@F1.2 (B/W mode, 50 IRE) 0.0006Lux@F1.2 (Sens-up mode, 50 IRE)
Back Light Compensation	BLC / HLC / Off
Day & Night	Color / B/W / Auto (ICR filter change)
Gain Control	Low / High / Off
White Balance	ATW / AWC / Manual (1,800°K ~ 10,500°K)
Electronic Shutter Speed	Auto / Manual (1/50 ~ 1/120,000)
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 256X)
OSD	Multi-language support (English, French, German, Spanish, Italian, Chinese)
SSNR	On / Off selectable (1 ~ 32 Level)
Motion Detection	On / Off selectable (8 Programmable zones)
Privacy Masking	On / Off selectable (8 Programmable zones)
Mirror / Flip	Horizontal or Vertical selectable
Monitoring Angle	Pan : 0° ~ 340° / Tilt : 0° ~ 146°
Digital Image Stabilizer (DIS)	On / Off
Protocols	STW, Pelco-D
Communication	RS-485
Operating Temperature	-10°C ~ +50°C
Operating Humidity	30% ~ 80% RH
Dimensions	Ø142(W) x 84(H)mm
Weight	(400g)



ADB-100 Optional Wall Bracket for Armour dome camera

World's First **580TV Lines** Color Camera
Industry Leading **DNR II** Noise Reduction
0.0006Lux@F1.2 (Sens-up mode, 50 IRE)
True Day & Night High Performance in Low Light



High quality color images of **580TV Lines**

The W-4 delivers high quality 580TV Lines images utilizing a unique image processing technology found only in Samsung Techwin's 4th generation DSP.



Conventional Camera

W-4



True **Day & Night** IR Cut filter Removal provides for exceptional picture quality even in low light.

The W-4 utilizes true ICR Day & Night control combined with its industry-leading SSNR II noise reduction to enhance performance in low lighting conditions. With a minimum illumination specification of 0.15Lux for color and 0.0006Lux in color sens-up mode, the W-4 can deliver outstanding images around the clock in challenging lighting conditions.



Built-in Auto Iris **Varifocal Lens**

The W-4 comes with a 2.9 to 10mm Varifocal Lens which can be quickly adapted to a wide variety of viewing situations.



2.5X

Normal



On Screen Menus with remote setup

The W-4's advanced features can be easily optimized with the use of the on-screen display menus that are available in six different languages. These menus can be accessed locally at the camera via pushbuttons, remotely from an optional cost effective controller, or from the remote control center via RS-485.



Smart Extra Functions



Digital Image Stabilizer **DIS**

The built-in DIS (Digital Image Stabilizer) of the W-4 removes image jitter that is caused by vibrations in the building. This stabilization greatly reduces the amount of hard disk space required to store images on a DVR.



DIS Off

DIS On



Programmable **Motion Detection & Privacy masking**

The W-4 comes with a programmable 8-zone motion detector built in. This motion detector uses an advanced digital processing motion algorithm to discriminate against unwanted alarms. It also has the ability to mask up to 8 areas of the picture where viewing is not desired. Each zone can be independently programmed via the OSD.



Motion Detection



Highlight Compensation **HLC**

The W-4 has the ability to reverse bright points of light in the picture (such as headlights) to black. This improves the ability of the entire system to display shades of grey elsewhere in the picture.



HLC Off

HLC On