

## Features

- 1/3" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP
- SSNR III, Upgraded 2D/3D noise reduction technology
- Day & Night capability for 24/7 operation
- High resolution of 600TV lines (Color)
- SSDR (Samsung Super Dynamic Range-**WDR**)
- High resolution of 700TV lines (B/W)
- Min. illumination of 0.05Lux@F1.2 (Color)  
0.0001Lux@F1.2 (Color sens-up)

### SSDR

The agility to display well balanced images in challenging lighting conditions with Samsung Super Dynamic Range

## Digital WDR

- HLC (Highlight Compensation)
  - DIS (Digital Image Stabilization)
  - Motion detection
  - Coaxial control
  - 512x sens-up support
  - Multi-language OSD
  - S/N ratio of 52dB
- Privacy masking with 12 user programmable zones



### SSNR III



The technology to provide Samsung Techwin's third generation of Samsung Super Noise Reduction, which eliminates image noise in low-light conditions without creating ghosting or motion blur, whilst reducing file sizes by up to 70%

# HCD-907

1/3" High Resolution Camera



## Features

- 1/3" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP engine
- SSNR III, Upgraded 2D/3D noise reduction technology
- Day & Night capability for 24/7 operation (Color)/700TVL (B/W)
- High resolution of 600TV lines
- Min. illumination of 0.05Lux@F1.2 (Color)  
0.0001Lux@F1.2 (Color sens-up)
- Privacy masking with 12 user programmable zones
- SDDR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- DIS (Digital Image Stabilization)
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 52dB

## Technical Specifications

<b>ELECTRICAL</b>	
Input Voltage	12V DC
Power Consumption	Max. 2.5W
<b>VIDEO</b>	
Imaging Device	1/3" Super HAD CCD
Total Pixels	811(H) x 508(V)
Effective Pixels	768(H) x 494(V)
Scanning System	2 : 1 Interlace
Synchronization	Internal / Line lock Internal
Frequency	H : 15.734KHz / V : 59.94Hz
Horizontal Resolution	600TV lines (Min.)
Min. Illumination	Color : 0.05Lux (50 IRE@F1.2), 0.0001Lux (Sens-up, 512x)
S / N (Y signal)	52dB
Video Output	CVBS : 1.0Vp-p / 75Ω composite
<b>OPERATIONAL</b>	
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean
Camera Title	Off / On (Displayed 15 characters)
Day & Night	Auto (Electrical) / Color / B/W
SDDR	On / Off (Level adjustable)
Backlight Compensation	BLC / HLC / Off
Motion Detection	On / Off (8 programmable zones)
Digital Zoom	On / Off (1x ~ 16x)
Digital Image Stabilization	On / Off
Privacy Masking	On / Off (12 programmable zones)
2D+3D Noise Filter (SSNR III)	On / Off
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)
Gain Control	Low / High / Off
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700°K ~ 11,000°K)
Electronic Shutter Speed	1/60 ~ 1/120,000sec 1/50 ~ 1/120,000sec
Sharpness	On / Off (Level adjustable)
Flip / Mirror	On / Off
<b>Communication</b>	
<b>ENVIRONMENTAL</b>	
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 90% RH
<b>MECHANICAL</b>	
Dimension (WxHxD)	62x58x130mm
Weight	360g
Lens Mount	C / CS
Certifications	FCC (Class A), UL/cUL listed FCC (Class A) CE (Class A)

