

# Starlight 650TVL Bullet Camera



## Feature:

- 1/3" SONY EX-view 960H CCD, Hitachi 16bit DSP
- Ultra High Resolution 650TV Lines
- Super Low Min. Illumination 0.00001Lux
- Aspherical 2.8-10mm Lens with Auto Iris and IR-CUT Module
- Camera can always remain in color or automatically shift into B/W in low light conditions
- Full OSD Menu, optional Remote Control via RS485
- True Day Night, 3D digital color reduction
- Dual voltage DC12/ AC24V operation optional
- IP67 Waterproof lever

## Installation:

- To prevent shock or damage to the waterproof body, tighten all the screws and cover
- Adjust the visor to prevent the lens from direct sunlight
- Do not directly touch the front glass. To clean the dust, wipe with soft cloth with alcohol.
- Don't install it in the place where dithering and shake often
- Don't install it in the place where temperature is above 50°C or below -20°C
- Video line tie-in and DC tie-in must be avoided to touch water.
- If abnormal, please power off and contact the manufacturer

**Note: Non-regulated power supply may cause camera damaged.**

## Technical Specifications:

Model No.	IV-HS9065VPA
Video System	NTSC/ PAL System
Sensor	1/3" SONY EX-view 960H CCD, Hitachi 16bit DSP
Number of Pixel	NTSC: 976H*494V; PAL: 976H*582V
Resolution	Color: 650TV Lines; B/W (Signal Enhancement): 700TV Lines
Lens	Aspherical 2.8-10mm Lens with Auto Iris and IR-CUT Module
True Day & Night	YES (Removable IR-Cut)
Sync.	Internal, Line Lock
Scanning	2:1 Interlace
Signal Noise Ratio	52dB Min. (AGC Off, Sense Up Off)
Burst Level	0.286Vp-p
Sense Up	2-256
DRC	On/ Off
Eclipse	On/ Off
Communicate	RS485, PELCO-D Protocol
Electronic Shutter	NTSC: 1/60-1/120,000S; PAL: 1/50-1/120,000S
AGC	+26dB Max.
Gamma Correction	0.45
Video Output	1.0Vp-p/75Ω
Min. Illumination	0.00001Lux at F1.2 (Sense Up Mode)
Waterproof	IP67
Voltage Input	DC12V; DC12/ AC24V optional (±10%) MAX
Power Current	150mA @ DC12V; 210mA/100mA @ DC12V/ AC24V;
Operation Temp.	-10°C~50°C
Storage Temp.	-20°C~70°C
Humidity Range	20%~90% RH
Dimension	216L*75W*73H mm
Net Weight	650g