✔ AHD ✔ TVI ✔ CVI ✔ CVBS

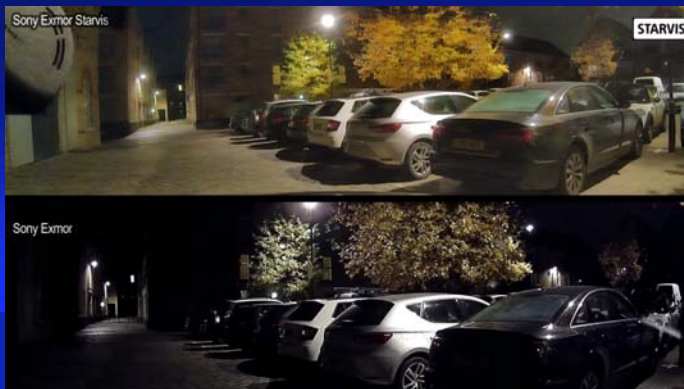**Lotus** — Your Security Provider ™

1080P Professional Surveillance Weatherproof Camera with Starvis
LCIR-HS1080P

Outstanding Visibility under the starlight

Lotus makes improvement of IMX291 from IMX322

LCIR-HS1080P   LCIR-H1080PN

Lotus has deployed Starvis CMOS image sensor to provide back-illuminated pixel technology for surveillance camera applications. It produces more definition compared with earlier technology when imaging under low light source to realize high picture quality in the visible-light and near infrared light regions that suitable for night surveillance.

Highlights

- 1/2.8" 2.13MP CMOS, SONY Starvis
- AHD/CVBS/HD-TVI/HD-CVI 4-in-1, 1080P
- Coax Transmit Distance 300-500m
- Built-in 3.6mm IR 3MP Lens
- Built-in ICR
- Star Light
- Support DVR Coaxial Control Function
- OSD (Cabled Controlled)
- 3-Axis Gimbal Design
- ¢5 × 36pcs IR LEDs, IR Range : 20m/60ft
- Full Metal Body Vandal-proof IK10
- Water resistance IP66

Technical Specifications

Model No.	LCIR-HS1080P
Image Sensor	1/2.8" 2.13MP SONY EXMOR CMOS STARVIS
Resolution	AHD/TVI/CVI: 1080P, CVBS: 1000TVL
Signal System	PAL / NTSC
Lens type	3.6mm 3MP fixed lens
Angle of View	86° horizontal
IR Light / IR Range	¢5 36pcs IR LEDS / 20m
Effective Pixel	PAL : 1945 x 1097, 2.13M Pixels
Min. Illumination	Color: 0.01Lux@(F1.2,AGC ON), 0Lux with IR ON
Shutter, SYNC	AUTO / Manual (1/25~1/10000) , Internal
S/N Ratio	>55dB AGC Off
White Balance	Auto White Balance/manual (RGAIN 0~32 adj; BGAIN: 0~32 Adj)
BLC Mode	BLC / HLC / WDR
Video Output	1.0Vp-p 75Ω, Default AHD, Shift to TVI/CVI/CVBS by OSD
D-Effect	Freeze / Mirror / Negative image
Day & Night	EXT / Auto / Color / B&W
Control Adjustment	Brightness: 0~30 adjustable;
	Exposure Mode: Globe / BLC (1~8 adjustable);
	Contrast: Auto / Manual (0~40 adjustable);
	Sharpness: Auto / Manual (0~16 adjustable);
	Color Gain : Auto / Manual (0~30 adjustable);
	3DNR, D-WDR: Auto / Manual (0~30 adjustable); Open / Close;
Operating Conditions	-20°C ~ 50°C, Humidity <85%
Power Supply	DC 12V 1A
Power Consumption	Max.1W (Max. 4W with ICR ON)
Dimension(W×HxD)	90(W) x 70(H) x 192(D) mm
Weight	440g

Camera control over coaxial (CoC) for OSD MENU

AHD — UP, TVI — L, CVBS — R, DOWN, CVI

Physical dimension

192mm   90mm   70mm