

***Real Full HD solution  
fulfill your security needs***



**Lotus HD-SDI camera offers 1080p resolution, and provides accurate color and clear picture quality for surveillance. Users could simple and easy upgrade from existed analog infrastructure. Transmission part is familiar coaxial cable and BNC connectors, and UI (user interface) is most the same as conventional analogue cameras. HD-SDI transmission which is no added signal delay / latency produces true real time viewing.**

- **Support 1080P Resolution**

2M image sensor delivers full HD 1080P digital images.

- **WDR**

WDR improves the contrast between low and high lighting areas, presents a clear image even under strong contrast environment.

- **Digital Zoom/PIP**

Up to x64 bi-cubic linear digital zoom and PIP using anti-aliasing down scaling.

- **Over Existed Coaxial Cable**

HD SDI signals transmit digitally over conventional CCTV coaxial cables

- **3D-DNR**

3D-DNR function reduces the noise and minimizes the object-blurred when the object is moving at night images. It provides a clear and exquisite image under low-lux environments.

- **True Real Time view**

HD SDI does not compress or packetize the signal before transmission, so it does not compress image artificially or frame interruptions are observed.

- **Defog**

Defog function which does a process of clearing blurred image caused by fog, analyzing the brightness of input image and compensating color of the image. Visibility enhance on the low contrast scene.

# Lotus 1/2.8" Sony 2 Mega Pixel HD-SDI Color Outdoor IR Camera 30M LCIR-SD306



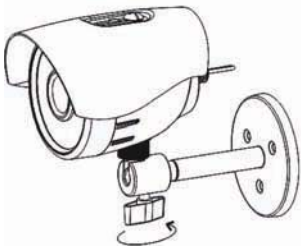
## FEATURES

- 1/2.8" Sony 2 Mega Pixel CMOS Sensor
- Support 1920x1080@30P / 1280x720@60P High Definition resolution
- HD-SDI via BNC (Zoom Image) connector + analog CVBS video out
- Built-in ACCE(D-WDR) Function
- Programmable AE/AWB/AF detection
- Built-in Day/Night automatic ICR filter
- Built-in 48pcs IR LED for 30 meter
- OSD Function Control
- Digital 2D/3D Noise Reduction
- Motion Detection
- Privacy Mask (8 position, Color Select/Mosaic)
- With Dead Pixel Correction (DPC)
- With High Light Compensation (HLC)
- 8 privacy zone selectable with vari zone sizes
- Digital zoom (x64) and PIP (Full/Zoom image)
- Flicker suppression
- DEFOG

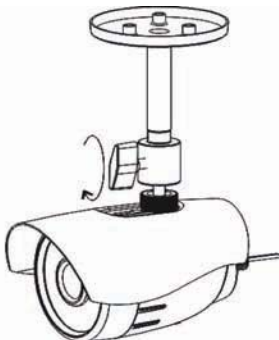


## PHYSICAL MOUNTING

Side mount



Top mount



## SPECIFICATIONS

Model No	LCIR-SD306
Image sensor	1/2.8" SONY 2 Mega-Pixel CMOS Sensor
Total resolution	1080p(1920x1080)@30fps / 720p(1280x720)@60fps
Min. illumination	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02 Lux (Sens-up x30)
S/N Ratio	More than 50dB
Video Format	NTSC / PAL selectable
Video Output	SDI I/F BNC Output x1, CVBS BNC Output x1
Electronic Shutter	1/25(30) ~ 1/50000
Sens-Up	x2 ~ x30
Auto Gain Control	High / Medium / Low
Defog	High / Medium / Low / Off
ACCE(D-WDR)	High / Medium / Low / Off
2D/3D /Smart DNR	On / Off
Digital Zoom/PIP	On / Off (x2 ~ x64)
OSD Control	Yes (5-axis joystick control)
Day/Night	Color / B&W / Auto / EXT@IR-Smart control
Lens	3 Mega-pixel 6mm ICR board lens (8mm optional)
IR LED	48pcs IR LED / 30 meter
Weatherproof	IP66
Power Supply	DC12V
Power Consumption	490mA
Operation Temp.	-30°C ~ +70°C
Operation Humidity	RH85% or less
Dimension	70 (Ø) x 110(D) mm
Weight	500g

\*\* Specifications are subject to change without prior notice