

**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 HD-SDI 20M IR Vandal Vari-Focal Dome Camera

## LCIR-SD3312V



### FEATURES

- 2M SONY CMOS Sensor.
- HD-SDI output and analog CVBS output.
- Digital Zoom (x64) & PIP (Full Zoom Image)
- Built-in 2Mega-pixel 3.3~12mm Vari-focal Auto Iris ICR Lens.
- Support HD-SDI (1920x1080p@30fps / 1280x720p@60fps).
- ACCE (D-WDR)
- OSD function control.
- DPC (Dead Pixel Correction).
- 8 Privacy zone (Each zone size can be modified)
- IR illuminating distance : 20M



### SPECIFICATIONS

Model No.		LCIR-SD3312V
Image Device	Image Sensor	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	Resolution	Full HD (1920x1080p@30fps / 1280x720p@60fps)
Lens	Mount	2Mega-pixel 3.3~12mm Vari-focal Auto Iris ICR Lens
	View Angle	125° ~ 35°
Illumination	Sensitivity	Color mode automatic switches to B/W mode under 2lux
IR LED	Infrared LED	24pcs IR LED / 20M distance
Functions	AGC	Low / Middle / High
	Shutter	1/20(30) ~1/50000
	Sens-Up	x2~x30
	Min. illuminance	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux (Sens-up x30)
	White Balance	ATW / Manual / INDOOR / OUTDOOR/ AWC→SET
	Backlight Compensation	BLC / HSBLC / OFF
	D-WDR	Low / Middle / High (ACCE) / Off
	2D/3D-NR	2DNR / 3DNR / SMART NR
	Adjust	SHARPNESS / MONITOR / LSC/ NTSC/PAL
	Privacy zone	On / Off (8 Zone Selectable)
	Digital Zoom / PIP	On / Off (x2~x64)
	Day & Night	Color / B/W / Auto / EXT@IR-Smart Control
	OSD	English / Japanese / Traditional / Simplified
Others	Motion detection, Image Flip & Mirror	
Video Output	HD-SDI	MCX connector
	Analog CVBS	CVBS output through BNC
Electricity	Power Consumption	DC12V / 230mA
Mechanical	Dimension	136 (Ø) x 106 (H)mm
	Weight	700g
Environment	Operation Temperature	-30°C ~ 70°C

\*\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE