

***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.

2.0Mega 15M HD-SDI Vandal Dome Camera LCIR-SD2812D



FEATURES

- 1/3" 2.0Mega Pixel CMOS Sensor
- Support 1920x1080@60fps/1280x720@60fps High Definition output
- HD-SDI via BNC connector+1ch analog video out
- Built-in ACCE(D-WDR) function
- Programmable AE/AWB/AF detection
- Built-in Day/Night automatic ICR filter
- Built-in 24pcs IR LED for distance of 15 meter
- OSD Function Control
- Digital 3D Noise Reduction
- Motion Detection
- Privacy Mask(8 position, Color Select/Mosaic)
- Vandal Dome is designed with 4-Axis for angel view flexibility
- Polycarbonate shell withstand the impact of 380Kgf
- Water resistant of aluminum die-cast pass IP67 test
- Option : Heater



4 AXIS Angle Adjustment



Heater



OSD Button



SPECIFICATIONS

Model No.		LCIR-SD2812D
VIDEO	Image Sensor	1/3" 2.0Mega CMOS Sensor
	Total Resolution	1080p(1920x1080)@60fps/720p(1280x720)@60fps
	Sensitivity	0.1Lux / f1.2 (AGC On)
	S/N Ratio	More than 50dB
	Video Format	NTSC / PAL
	Video Output	SDI I/F BNC Output x1, CVBS BNC Output x1
	Electronic Shutter	Auto, FLK, 1/30~1/50000, X2~X3
LENS	Drive type	2.8~12mm Mega Lens / Fix Iris.
	IRs / Distance	24pcs IR LED / 15 meters
	Lens Mount	C / CS Mount
	Iris Control	Auto / Manual
	Focal Length	Wide: 113.5° x 73.2°, Tele: 27.4° x 20.6°
	Day & Night	Auto / Day / Night / External
FUNCTIONS	On-Screen-Display (OSD)	Yes (5-axis joystick control)
	Language	English / Japanese / German / French / Russian / Portuguese / Spanish / Simplified Chinese
	Adaptive Tone Reproduction (ATR)	On / Off
	Digital 3D Noise Reduction	On / Off
	High light compensation (HLC)	On / Off
	IR Optimizer function	On / Off
	White Balance	ATW / Manual / Push / ANTI CR / USER1 / USER2 / Push Lock
	Auto Gain Control	High / Medium / Low
	Defog	High / Medium / Low
	ACCE(D-WDR)	High / Medium / Low / Off
	Digital Zoom	On / Off
	ICR Day / Night	Automatic switch
	Positive / Negative	On / Off
	Motion Detection	24 x 16 free areas (Area size adjustable)
	Privacy Masking	8 free areas (Area size adjustable)
	Camera Title	Up to 52 characters
GENERAL	I/O Interface	N/A
	Remote Control	N/A
	Protocol	N/A
	Baud Rate	N/A
	Sync. System	Internal
	Video Output	SDI I/F BNC Output x1, CVBS BNC Output x1
	Power Supply	DC12V
	Operation Temp.	-10°C ~ 50°C (14°F to 122°F)
	Operation Humidity	RH85% or less
	Waterproof	IP67

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE