

# Lotus Ultra High Resolution 960H IR CCD Camera



**Conventional quality**



**700TVL quality**

**Lotus ultra high resolution Indoor /Outdoor IR camera, integrated with Sony Super HAD CCD II 960H image sensor offers an ultra high 700TV Lines resolution and high S/N ratio, and provide accurate and clear picture quality for surveillance.**

- **1/3" Sony Super HAD CCD II**

Feature with 1/3" Sony Super HD II 960H image sensor, the number of effective pixels in the horizontal direction of the CCD image sensor. It increases nearly 30% number of pixels of 760H (752(H) x 582(V), resulting in significantly enhanced picture details.

- **Ultra High 700 TVL Resolution**

The integrated SONY Super HAD CCD II 960H enables the camera to obtain ultra high resolutions of up to 700 TVL, and high S/N ratio, and provide accurate color and clear picture quality for surveillance.

- **2DNR (Digital Noise Reduction)**

Embedded with NR (Noise Reduction) technology, produces extremely clear picture quality even under low-light condition for 24/7 surveillance.

- **Wide Range of Auto White Balance**

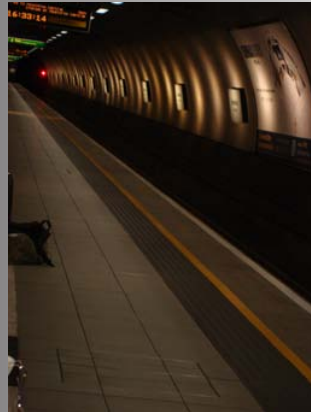
The Automatic White Balance provides an extensive range color temperature control that covers from 2,300°K to 10,500°K generating natural color image without being red or blue in varying light conditions.

- **Lens Shading**

Lens shading eliminates dark corners on wide lens, allowing any activities to be seen clearly, even on the edge of the camera.

### FEATURES

- Enhance Effio-E Platform
- Sony High-Resolution 960H CCD
- 700TV Line
- ATR
- C/CS Mount
- OSD Interface
- 2D-DNR
- HLC
- 8 Zones Privacy Mask
- Anti-Color Rolling
- Mirroring



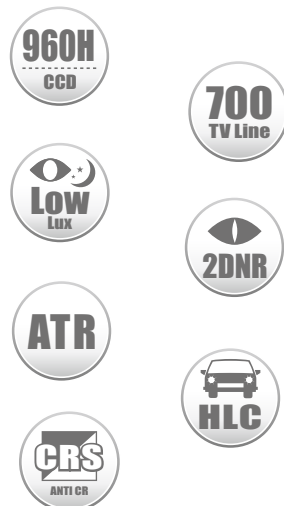
LCC700

Conventional

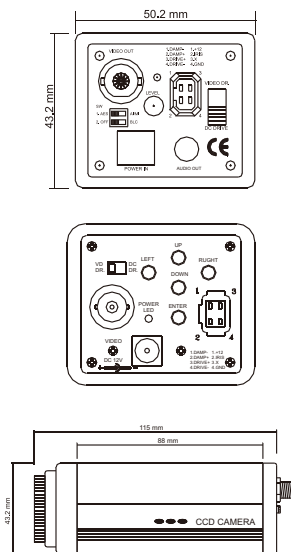
New casing



Obsolete casing



### DIMENSIONS



### SPECIFICATIONS

Model No.		LCC700
VIDEO	Image Device	1/3" Color Sony HAD II CCD
	Picture Elements	NTSC:1020x508, PAL:1020x596
	Resolution	700 TVL
	Illumination	0.08 Lux @ F1.2 Color Mode
	S/N Ratio	More than 52dB
	Electronic Shutter	Auto: 1/50~1/100,000 Manual: 1/50(60), 1/100(120), 1/250, 1/500, 1/1000, 1/3000, 1/5000, 1/100,000
	Gamma	0.45
LENS	Lens Mount	C / CS Mount
	Iris Control	Auto / Manual
DAY / NIGHT	IR-Cut filter Removable	N/A
	Day & Night	Auto / Day / Night / External
FUNCTIONS	On-Screen-Display (OSD)	Yes
	Language	English / Japanese / German / French / Russian / Portuguese / Spanish / Simplified Chinese
	Adaptive Tone Reproduction (ATR)	On / Off
	Digital Noise Reduction (DNR)	On / Off
	High light compensation (HLC)	On / Off
	IR Optimizer function	On / Off
	White Balance	ATW / Manual / Push / ANTI CR / USER1 / USER2 / Push Lock
	Gain Control	Auto
	Back Light Comp.	On / Off
	Flickerless Mode	On / Off
	Mirror	On / Off
	Freeze	NTSC:1/100, PAL:1/120
	Positive / Negative	On / Off
	Motion Detection	15 free areas (Area size adjustable)
GENERAL	Privacy Masking	8 free areas (Area size adjustable)
	Camera Title	Up to 52 characters
	I/O Interface	N/A
	Remote Control	N/A
	Protocol	N/A
	Baud Rate	N/A
	Sync. System	Internal
	Video Output	1 Vp-p / 75 Ohms CVBS (BNC)
	Dimension, weight	60x48x131mm, 160g
	Power Supply	DC12V (Optional: DC12V / AC24V, 100~240V AC Power)
	Power Consumption	110mA
	Operating Temp.	-10°C ~ 50°C (14°F to 122°F)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE