

# HIGH RESOLUTION COLOR MINATURE CAMERA

## Features

- 1/3" New Color Sony High Sensitivity CCD
- 600TVLines
- Provide Various Functions By OSD Menu AND Clear Image.
- 12VDC/90mA

## Technical Specifications

Image Sensor	1/3" New High Sensitivity Sony CCD
Horizontal Resolution	600TVLines at center (B/W Mode:700TVLines)
Min.Illumination	0.1Lux.(f=1.2). 0.001Lux/ Sens-up X256 B/W Mode: 0.01Lux. (f=1.2)
Synchronizing System	Internal
Video output	1.0Vp-p Composit 75ohm
Scanning System	2:1 Interlace
S/N Ratio	More than 50dB
Smear Effect	0.005%
Gamma Correction	r=0.45
White Balance	AUTO(2100°K~9100°K)
Lens	4~9 mm Varifocal Manual Lens
External Control	OSD
Power Source	12VDC, 90mA
Operation Temp.	-20°C~ 60°C
Weight	100g
Measurement	36.5(w)X36.5(H)X53.0(D)mm

## Special OSD Functions

AGC	OFF/ON(Level Adjustable)
Sens-Up	OFF/ON(X2 ~X256)
BLC	OFF/ON (8 Zone Selectable)
HSBLC	OFF/ON (Zone Selectable)
D-WDR	OFF/INDOOR/OUTDOOR
White Balance	ATW/ AWB/ AWC/ MANUAL INDOOR/OUTDOOR (Selectable)
Day & Night	Auto/ B.W/ Color/EXT (Selectable)
3DNR	OFF/ON (Level Adjustable)
ADJUST	Sharpness/Blue/Red (Level Adjustable)
Camera ID	OFF/ON (Selectable)
Motion Detection	OFF/ON (Level Adjustable)
Privacy Masking	OFF/ON (8 Area Selectable)
Digital Zoom	OFF/ON (X2 ~ X32)
Mirror	OFF/ON (Selectable)
Gamma Correction	User/0.05~1.00 (Selectable)

## High Resolution (600TVLines)

<b>NTSC</b>	
Effective Pixels	768(H)X494(V) pixels
Scanning	525Lines, 60 fields, 30 frames
Horizontal	15.734 Khz
Vertical	59.94 Hz
Electronic Shutter	1/60-1/100,000

<b>PAL</b>	
Effective Pixels	752(H)X582(V) pixels
Scanning	625Lines, 50 fields, 25 frames
Horizontal	15.625 Khz
Vertical	50 Hz
Electronic Shutter	1/50-1/100,000



- OSD FUNCTIONS**
- 3DNR
  - HSBLC
  - D/WDR
  - Sens Up
  - Motion Detection
  - Privacy Masking
  - Digital Zoom

**12VDC / VIDEO OUT**

REAR PART

D-WDR ON



D-WDR OFF



Provide high sensitivity color presentation in backlight conditions.

DIGITAL ZOOM X4



PRIVACY MASKING



The captured images can be "masked" 8 Area for privacy purposes

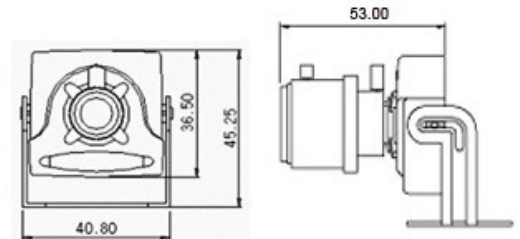
HSBLC OFF



HSBLC ON



Mask excessive backlight to be dark and objects to watch look more clearly.



DIMENSION UNIT : mm