

# 3-DNR HAWK HIGH RESOLUTION COLOR MINI BULLET CAMERA

## Features

- 1/3" New Color Sony High Sensitivity CCD
- 600TVLines
- Provide Various Functions By OSD Menu AND Clear Image.
- Including OSD Control Board (Connected by DIN Connector)
- 3-DNR/ D-WDR/ HSBLC/ SENS-UP/ PRIVACY MASKING
- Ultra Min Bullet Type (19mm Diameter)
- Weather Proof (IP66)
- 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 -----	3.6mm Fixed Lens
External Control -----	OSD
Power Source -----	12VDC, 90mA
Operation Temp. -----	-20°C~ 60°C
Weight -----	80g
Measurement -----	19(Ø)X74mm

## Special OSD Functions

AGC -----	Low/Middle/High (Level Adjustable)
Sens-Up -----	OFF/ON(X2 ~X256)
BLC -----	OFF/ON (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) NTSC

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

## PAL

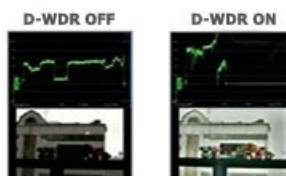
Effective Pixels -----	752(H)X582(V) pixels
Scanning -----	625Lines, 50 fields, 25 frames
Horizontal -----	15.625 Khz
Vertical -----	50 Hz
Electronic Shutter -----	1/50-1/100,000



CABLE CONNECTION

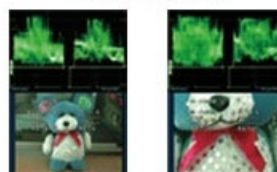
### OSD FUNCTIONS

- \* 3DNR
- \* HSBLC
- \* D-WDR
- \* SENS-UP
- \* Motion Dectcion
- \* Privacy Masking
- \* Digital Zoom



Provide high sensitivity color presentation in backlighted conditions.

DIGITAL ZOOM X4



PRIVACY MASKING



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

HSBLC OFF

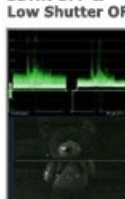


HSBLC ON

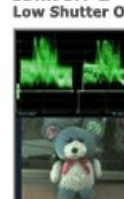


Mask excessive backlight to be dark and objects to watch look more clearly.

3DNR OFF & Low Shutter OFF



3DNR OFF & Low Shutter ON X8



3DNR ON & Low Shutter ON X8

