

**NEW**  
**3-AXIS**  
**DOMED DESIGN**

Service Video-Out  
Easy Flip Cover  
3DDNR - Digital Noise Reduction  
HLM - High Light Mask  
3-Axis Easy Angle Adjustment



Powered by  
**Hero**

**600** COLOR  
TVL  
**0.002** NIGHT  
LUX

- High Quality Dome Camera for Special Installation
- Wide Dynamic Range (WDR)
- 600 TV Line High Resolution
- Color Image at Night (Sens-up)
- 3DDNR - 3D Digital Noise Reduction

**DO 612V** 600TVL / Wide Dynamic Range / 2.8~12mm Auto-Iris Vari-focal Lens / 3D DNR / HLM / SENS-UP / DC 12V

#### 600 TV LINE

The camera is powered by HERO chipset that is embodied the top grade of the world at 600 TVL resolution be own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.

#### WIDE DYNAMIC RANGE (WDR)

Realize the improved backlight compensation function more than existed WDR with fusion ratio of the optimum by pixel, when they composite both a shutter of high speed at the light area and the shutter of low speed at the dark area.

#### 0.002 LUX SENS-UP INTENSIFIED LOW LIGHT AND 3DDNR (3D DIGITAL NOISE REDUCTION)

SENS-UP feature of the dome cameras allow for theirs impressive 0.002 low light lux rating which leads to theirs superb night time performance ability. In addition, Improved S/N ratio 50dB and more sharp and noiseless low light image quality provided by built-in noise reduction (3DDNR: 3D Digital Noise Reduction) function.

#### HLM : HIGH LIGHT MASKING

HLM(High Light Masking) Function is being prevented against headlights of vehicle effectively. It is the most suitable function to see license plates at night.

- 1/3" Sony Super HAD II CCD
- 2.8~12mm Auto-Iris Vari-focal Lens
- 600 TV Line in Color
- OSD - On Screen Display - Easy camera setup
- 3D DNR (3D digital noise reduction) / WDR (Long and Short exposure) / Day & Night
- HLM (High Light Mask) / SENS-UP (Intensified Low Light)
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)

DO 612V	
Resolution	600 TV Line
Sensor	Sony 1/3 inch Super HAD II CCD
Total Pixels	811(H) x 508(V) 410K Pixel
Effective Pixels	768(H) x 494(V) 380K Pixel
Scannign System	2:1 Interlace
Synchronization	Internal
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz
S/N (Y signal)	More than 50 dB (AGC off)
Video Output	CVBS : 1.0Vp-p / 75 ohm
Min. Illumination	0.3 Lux at F1.2 (color) / 0.002 Lux (Sens-up)
White Balance	ATW / AWC / Push / Manual
Electronic Shutter Speed	Auto / Manual 1/60 sec ~ 1/120,000 sec (NTSC)
O.S.D	Built-in
Backlight Compensation (BLC)	Low / Middle / High / HLM / Off Selectable
Gain Control	Low / Middle / High / Off Selectable
3D DNR (3D Digital Noise Reduction)	Low / Middle / High / Off Selectable
WDR (Long and short exposure)	On / Off
Sens-up	x2 ~ x256 / Off
Day & Night	Auto / COLOR / BW / CDS
Privacy Mask	On / Off (6 Zone)
Motion detection	On / Off
Mirror	Mirror / V-Flip / Rotate / Off
Sync	Internal / Auto
Operating Temperature / Humidity	-10°C~+60°C(14°F ~ 142°F) / 30% ~ 80% RH
Storage Temperature / Humidity	-20°C~+80°C(-4°F ~ 176°F) / 20% ~ 90% RH
Power	DC 12V