

SUPER DOME®

Professional Indoor Dome Camera Series

U.S. PATENT: US 2011/0158637 A1



- 1/3" CCD Sony Super HAD II™
- Hero DSP
- 650TVL
- 2.8~12mm AVF Lens
- 3 Axis / 3DDNR
- SENS-UP / Size Large
- DC 12V / AC 24V

DO 614V-B Black
DO 614V-W White



650TVL

HIGH-RES 650 TV LINE

The camera is powered by HERO chipset that is embodied the top grade of the world at 650 TVL resolution by own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector



DSS Off

DSS On

DSS (Sens-up x256)

DSS (Digital Slow Shutter) is realized in the most low illumination quality and it provides the image without a noise at the low illumination quality.



HLM Off

HLM On

HLM : HIGH LIGHT MASKING

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



3DDNR Off

3DDNR On

3DDNR (3D DIGITAL NOISE REDUCTION)

Improved S/N ratio 52dB and more clean the low illumination quality and can be monitoring at night clearly without the image drag and noise phenomenon.

MADE IN KOREA

FEATURES

- 3-Axis Construction : By adjusting '3-Axis' control, you get a straight view regardless whether camera is installed on a wall or ceiling 1/3"
- Sony Super HAD II CCD
- 2.8~12mm Auto Iris Vari-focal Lens
- Single Scan WDR (Wide Dynamic Range)
- 650 TVL : Razor Sharp High Resolution
- OSD - On Screen Display - Easy Camera Setup
- Easy Flip Open Cover
- DC 12V / AC 24V

DO 614V	
Resolution	650 TV Line
Sensor	Sony 1/3 inch Super HAD II CCD
Total Pixels	811(H) × 508(V) 410K pixels (NTSC)
Effective Pixels	768(H) × 494(V) 380K pixels (NTSC)
Scanning System	2:1 Interlace
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 (B/W for sens-up x256)
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	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 Source	DC 12V / AC 24V
Dimensions	5.0"(Ø) x 4.0"(H)