

IN-CEILING LOOKING TYPE

Have a Better Eye for your Security



**650** COLOR TVL  
**0.0001** LUX

MADE IN KOREA

**UTP**  
**VIDEO-OUT**  
VIDEO BALUN BUILT-IN  
DC 614FV-UTP

Transmit video signal up to 1000ft in color without image distortion.

**TRUE**  
**DAY & NIGHT**  
AUTO IR-CUT FILTER REMOVAL  
DC 614FV-UTP

At daytime, IR light is filtered away in the camera by the IR-cut filter in order to render color images that humans are used to. When light conditions are too dark to render color images, the IR-cut filter is automatically removed to enable the camera to make use of the IR light to produce a high quality black & white video.

- 3DDNR - Digital Noise Reduction
- High Light Masking
- Intensified Low Light : Sens-up
- Service Video Out
- Easy Flip Open Cover
- 3-Axis Easy Angle Adjustment
- Single Scan Wide Dynamic Range



**SENS-UP & 3D-DNR**

SENS-UP feature of the dome cameras allow for their impressive 0.0001 low light lux in B/W rating which leads to their superb night time performance ability. In addition, Improved S/N ratio 52dB 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.

Lens	2.8-12mm Auto-Iris Vari-focal	
Auto IR-Cut Filter Removal (ICR)	Yes (DC 614FV-UTP only)	No
Video Signal	NTSC	
Resolution	650 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	
Scanning System	2:1 Interlace	
S/N (Y signal)	More than 52 dB (AGC off)	
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz	
Video Output	CVBS : 1.0Vp-p / 75Ω	
Min. Illumination	0.0001 Lux ~ 0.00008 Lux (Sens-up x256)	
White Balance	ATW / AWC / Push / Manual Adjustable	
Electronic Shutter Speed	Auto / Manual / 1/60 sec ~ 1/100,000 sec (NTSC)	
OSD	Built-in	
Backlight Compensation (BLC)	BLC (Low / Middle / High / Off Selectable) / HLM (Adjustable)	
Gain Control	Low / Middle / High / Off Selectable	
3D DNR (3D Digital Noise Reduction)	Low / Middle / High / Off Selectable	
Day & Night	Auto (Day <-> Night time Change) / COLOR / B&W / CDS	
Privacy Mask	On / Off (6 Zone)	
Motion detection	On / Off (240 Zone)	
Image Conversion	Freeze / V-Flip / H-Flip / Rotate / NEGA : All ON/OFF adjustable	
DIS (Digital Image Stabilizer)	ON / OFF	
LSC (Lens Shading Compensation)	ON / OFF	
Digital Zoom	ON (x10) / OFF	
Sharpness	Adjustable	
Operating Temperature / Humidity	-10°C ~ +50°C (14°F ~ 122°F) / 30% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ 140°F) / 20% ~ 90% RH	
Power	DC 12V or AC 24V	DC 12V
Casing / Dimensions	5.5"(D) x 4.0"(H)	

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