

EVN-V550 / EVN-V555

620TVL Day & Night Color Outdoor Vandal Dome Camera



Features

- 620TV lines (Color), 700TV lines (B/W) Aurora DSP
- Built-in 2.8 ~ 12mm Varifocal lens with auto iris
- Wall mountable and easy adjustment with 3-Axis
- Removed noise & ghost images with SDNR
- IP67 Water-Proof Vandal Dome
- True Day & Night with ICR : EVN-V555
- Min. illumination of 0.1Lux(Color) / 0.01Lux (B/W)
- Privacy masking with 4 zones
- Enhanced backlight compensation technology (WER)
- 24V AC / 12V DC compatible

High Quality Color Images of 620TV lines

The Aurora cameras employ 5th generation DSP technology and high performance CCD sensor to capture high-res. images of 620TV lines in color. And it achieves higher resolution of 700TV lines by automatically switching to B/W at night for clearer identification.



Conventional Camera



Aurora Camera

Wide Extended Range (WER)

Featuring WER, the Aurora DSP camera automatically increases dark photoelectric signals while retaining bright signals; dark spots in images become more visible for accurate monitoring



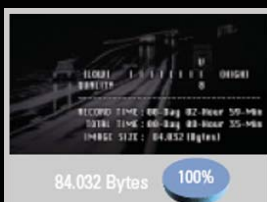
Conventional Camera



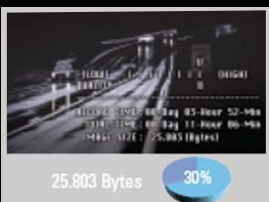
Aurora Camera

Super Digital Noise Reduction (SDNR)

When lighting levels are low, SDNR dramatically reduces noise and at the same time produces a high signal to noise ratio and no ghost effect. Reducing noise in the picture also reduces the amount of storage space required to record the video on a DVR.



Conventional Camera



Aurora Camera

Technical Specifications

	EVN-V550	EVN-V555
VIDEO		
Aurora DSP		
Image Sensor	1/3" Sony Super HAD II	
Total Pixels	811(H) x 508(V)	
Effective Pixels	768(H) x 494(V)	
Scanning System	2:1 Interlace 525 Lines / 60 Fields / 30 Frames	
Synchronization	Internal / Line lock	
Scanning Frequency	Horizontal: 15.734KHz / Vertical: 59.94Hz	
Horizontal Resolution	620TV lines (Color) / 700TV lines (B/W)	
Min. Illumination	0.1Lux / 0.03Lux	0.1Lux / 0.01Lux
S/N Ratio (Y signal)	52dB (AGC off, Weight on)	
Video Output	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)	
LENS		
Focal Length	2.8 ~ 12.0mm (F1.2)	
Max. Aperture Ratio	1 : 1.2 (Wide) ~ 2.1 (Tele)	
Angle Field of View (H)	81.2° ~ 22.2°	
OPERATION		
OSD	Multi-language support (English, Japanese, Spanish, Korean)	
Camera Title	On / Off	
Day & Night	Auto / Color / BW / Ext	
ICR (IR Cut Filter Removable)	N/A	YES
Digital Zoom	On / Off selectable (2x ~ 10x)	
Back Light Compensation	BLC / HLC / Off	
Gain Control	Low / High / Off	
White Balance	ATW / AWC / Manual (1,800°K ~ 10,500°K)	
Electronic Shutter Speed	Auto / Normal (1/60 ~ 1/10,000) / Flickerless	
Super DNR	Low / Middle / High / Off selectable	
Wide Extended Range	Off / Low / Mid / High	
Motion Detection	On / Off selectable (4 Programmable zones)	
Privacy Masking	On / Off selectable (4 Programmable zones)	
Mirror / Flip	Reverse	
Sharpness	On / Off selectable (Level adjustable)	
Iris Control	DC / Video	
ENVIRONMENTAL		
Operating Temperature	-10°C ~ +50°C	
Operating Humidity	30% ~ 80% RH	
MECHANICAL		
Ingress Protection	IP 67	
Dimensions	136(W) x 111(H)mm, Ø100mm dome	
Weight	1300g	
ELECTRICAL		
Power Source	24V AC / 12V DC (±10%)	
Power Consumption	500mA / 10VA	

MADE IN KOREA

Dimension(Unit : mm)

