



# LEADERS in HIGH SENSITIVITY LOW LIGHT LEVEL CCTV TECHNOLOGY



## INDOOR OUTDOOR

«EVS» cameras are available as either standard «VNC» units as below or as custom built in waterproof housings with heated visors as above. Standard «VNC» cameras can of course be fitted into any external housing.

These «external» cameras and are prefixed «VNN», all models are available in this external configuration.

Also the less expensive «VNP» model with M12 lenses are available.

«EVS» has succeeded in achieving unprecedented levels of sensitivity in it's CCD based range of CCTV cameras. This is accomplished by special processing of the video-signal directly inside the CCD. The simultaneous use of in-frame video-signal processing resulting in «EVS NIGHT MODE №1».

**This** technology produces an increase in sensitivity of up to 600 times more, than when compared to standard CCD levels. «EVS» has achieved a record value for CCD cameras (model «VNC-702») of 0.00004 Lux. Due to these special video-signal processing modes, the sensitivity of «EVS» cameras far surpasses those of other manufacturers.

**In** most circumstances «EVS» night spy cameras are able to provide night time surveillance without any form of artificial lighting, either visible or invisible.

**Special** «EVS» video-signal processing ensures a higher level of sensitivity than that of the products of other manufacturers. «EVS» cameras provide high quality images of moving objects at night.

**The** combination of «EVS» technology, ExWave HAD CCDs and aspherical lenses produces sensitivity equivalent to night vision devises of 2<sup>nd</sup> & 2<sup>nd</sup> generation plus

- Designed for use in conditions of very low light.
- Adaptive definition correction improves clarity of fine detail.
- Automatic activation of night mode in low light conditions.
- Two step AGC system raises contrast of images in low light.
- Lens Types – C or CS lens mount – Direct or VS Drive

## 2 YEAR WARRANTY ON ALL CAMERAS

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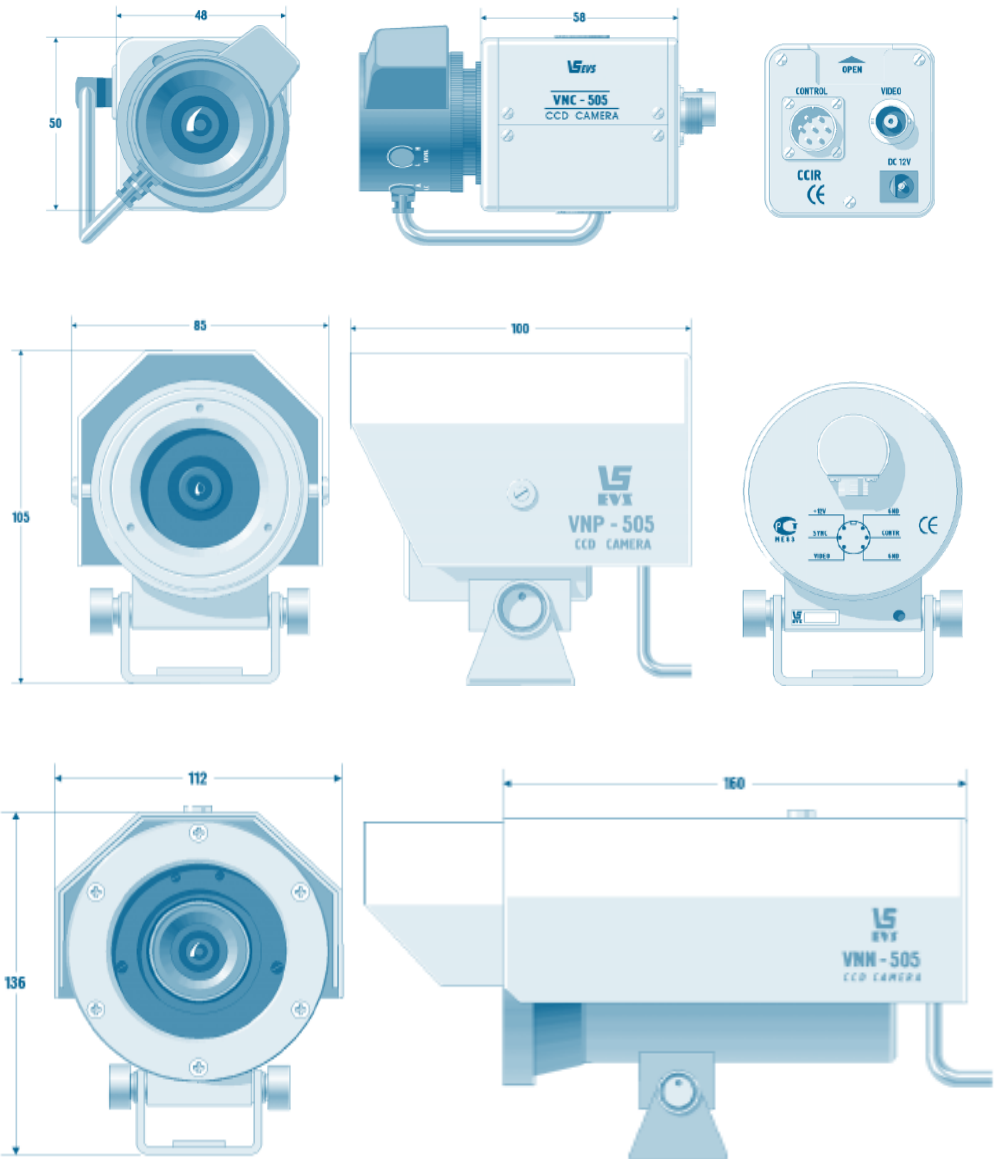


series VNC  
VNP  
VNN



## EVS CCD CAMERAS SPECIAL FEATURES

- Adaptive definition correction improves clarity of fine details.
- Two step AGC system raises contrast of the images with low light exposure.
- Electronic shutter allows use of less expensive small sized lenses with manual iris.
- CS Mount with extension ring for C mount, VS driven auto iris or direct drive lenses



Technical data	VNC-505	VNP-505	VNN-505
Sensor	1/3" Sony, ICX-055AL	1/3" Sony, ICX-055AL	1/3" Sony, ICX-055AL
Effective pixels	291,000=582(V) x 500 (H)	291,000=582(V) x 500 (H)	291,000=582(V) x 500 (H)
Line standard	625 lines, 50 Hz	625 lines, 50 Hz	625 lines, 50 Hz
TV standard	CCIR interlaced	CCIR interlaced	CCIR interlaced
Horizontal resolution	380 lines (7.2 MHz)	380 lines (7.2 MHz)	380 lines (7.2 MHz)
Light sensitivity on the object	0.0002 lx (F0.75 at S/N=20dB)	0.0015 lx (F2.0 at S/N=20dB)	0.0002 lx (F0.75 at S/N=20dB)
Spectral range	400 nm ... 1000 nm	400 nm ... 1000 nm	400 nm ... 1000 nm
Shutter	1/100000 - 1/10 s	1/100000 - 1/10 s	1/100000 - 1/10 s
Video output	VBS, coax, 2-wire	VBS, coax, 2-wire	VBS, coax, 2-wire
Operating voltage	10...12.5 V DC	10...12.5 V DC	10...12.5 V DC
Current consumption	150 mA	230 mA	280 mA
Video output	System connector, BNC	System connector	System connector
Lens mount	C, CS	M12	C, CS
Storage temperature	-40 ... +75°C	-60 ... +75°C	-60 ... +75°C
Operating temperature	+1 ... +60°C	-40 ... +60°C	-40 ... +60°C
Weight	350 g	460 g	670 g
Dimensions (LxBxH)	48 x 50 x 58 mm	85 x 105 x 100 mm	112 x 136 x 160 mm

series VNC  
VNP  
VNN

# 0.0002 Lux

