

### Outdoor True Day/Night Array Bullet Camera

The TVS™ line of cameras from TVS Security includes a comprehensive family of Third generation Array infrared (IR) cameras for standalone or basic integrated installations that are flexible and scalable to accommodate future growth. Ideal for surveillance system installations ranging from convenience stores to retail mall parking lots, the True Night Vision IR Array line has the right cameras for your job and help you stay within budget constraints without compromising security needs.

These flexible cameras can see in total darkness, providing color images by day and black-and-white images under IR operation in low-light applications. Form factors include omni-directional dome and traditional bullet cameras. Dome models allow for ceiling or wall mounting while still maintaining a level field of view. Single gang adaptor plates are included with the TVS models, while the bullet models offer a familiar form factor that can also be ceiling or wall mounted.



### Features

- True Night vision IR-IIIrd Generation Waterproof
- Ultra resolution of over 700 horizontal TV lines for outstanding image quality
- Exview HAD II sensor delivers amazing ultra high sensitivity of .05 lux – very low light sensitivity without DSS low light boost - Zero Ghosting guaranteed
- 16/25 mm fix lens (optional)
- Digital Wide Dynamic Range expansion to deliver properly exposed images despite unbalanced lighting in the scene
- Provides 2D-Noise Reduction to improve picture clarity while enabling DVRs to improve disk storage utilization
- Easy to use OSD setup menu
- Fully adjustable mount encloses/protects cable from elements and deliberate tampering
- IP66 weather resistant rating means that it will withstand the elements of outdoor conditions
- Up to 30 meter to 125 meter of IR distance
- Double glass+ hoop unique design



## Specifications

System	PAL / NTSC
Image Device	Effio-E & 1/3" Sony Exview HAD CCD II
Total Pixels	PAL: 1020(H) * 596(V) 570K; NTSC: 1020(H) x 508(V) 480K
Picture Elements	PAL: 976(H) x 582(V); NTSC: 976(H) * 494(V)
Horizontal Resolution	700TVL
Min. Illumination	0Lux (IR-ON)
S/N Ratio	≥ 48dB
Video Output	1.0Vp-p, 75Ω Composite, BNC x 1
Gamma Ratio	≥ 0.45
Synchronization	Internal
Scanning System	2:1 Interface
Focal Length	4/6/8/16/25 mm Fixed Lens
Angle of View	V: 75°/60°/40°/25°/20°
Zoom Ratio	Fix
Control Mode	Fix
SHUTTER/AGC	AUTO
BACKLIGHT Mode	ON/OFF/Auto/LEVEL
SHARPNESS	ON/OFF (Level Adjustable)
Super Wide Dynamic	DWDR
Eclipse	ON/OFF
MIRROR	ON/OFF
BRIGHTNESS	AUTO
GAIN	AUTO
MOTION DETECTION	ON/OFF
Blemish Compensation	AUTO (64 points)
Parking Line	ON/OFF
MONITOR AREA	ON/OFF (4 AREA)
Privacy Mask	ON/OFF (8 AREA)
CAMERA Title	ON/OFF
D&N MODE	AUTO/COLOR/B&W/EXT
Noise Reduction	2D-DNR
NR MODE	Y/C (Y LEVEL 0-4; C LEVEL 0-4)



HLC	ON/OFF
Language	More than 8 languages(ENGLISH,Chinese,Korean,Japanese,Italian,Russian,Portuguese,Spanish, German,French)
White Pixel Detection and Compensation	Static and Dynamic
External Synchronization	Line-Lock
White Balance	ATW/MANUAL/AWC-PUSH/AWC
ALARM	ON/OFF
Smart IR	Auto
Electronic Shutter Speed	PAL:1/50 ~ 1/100,000sec; NTSC:1/60 ~ 1/100,000sec
Infrared LED	4 pcs IR-III led
IR Distance	125 Meters
Infrared Spectrum	850nm
Operation Temperature	-10°C~ +50°C
Storage Temperature	-40°C~ +60°C
Vandal-proof Casing	IP66
Input Voltage/Current	DC12V 500mA
Adapter Requirement	DC12V 1000mA
Color	White
Bracket	Yes
Dimensions	135*93.5*84mm(L*W*H)
Net Weight	Appro × 0.420kg
Certifications	CE,FCC,ROHS

## Ordering Information

TVS-3044	Day/Night Array Bullet 700+ (4M/6M)
TVS-3045-I	Day/Night Array Bullet 700+ (8M)-I Array
TVS-3045-II	Day/Night Array Bullet 700+ (8M)-II Array
TVS-3045-III	Day/Night Array Bullet 700+ (16M)-III Array
TVS-3046	Day/Night Array Bullet 700+ (25M)-IV Array

