

# VTC-IRE40/2810 VTC-IRE40/3516

Day/Night Infrared 700 TV Line Bullet  
Camera w/150' Range



VITEK Infrared Bullet Cameras are designed to help you achieve any degree of night time surveillance with versatile options to meet any budget. They offer the most advanced features available and simple, worry free installation that have come to be a cornerstone of all VITEK camera designs.

This Ultra Clear, High Resolution camera realizes over 700 TV Lines of Resolution and produces crisp color images by use of a Sony Ex-View HAD CCD II and an Effio-E image signal processor. Dual Array Dynamic Intensity LEDs allow precision images to be delivered in total darkness without "Wash Out" from zero to 150 feet. Designed with the installer in mind, this state-of-the-art camera features an externally adjustable focus and zoom with a clutch to eliminate over-tightening, secondary video output, feed-thru wiring, versatile mounting options and an OSD - On Screen Display for programming. The IP68 NEMA rating means that this Weather proof camera will never leak or condensate and cannot be permeated by dust or pests.

## FEATURES

- High Density 1/3" Sony EX-VIEW CCD & Effio-E DSP
- 700 TV Lines of Resolution (960H)
- E-WDR by Adaptive Tone Reproduction
- 40 Infrared LEDs at 850nm enable viewing in total darkness up to 150ft
- 0.003 Lux / 0 Lux with IR LEDs On
- 2.8- 10mm or 3.5-16mm Varifocal DC Auto Iris IR Lens
- True Day/Night by ICR - Infrared Cut Removal
- 2D-DNR Noise Reduction
- Motion Detection, Privacy Masking & Highlight Masking
- Dual Glass Compartments to Eliminate Glare
- OSD (On Screen Display) menu and Camera ID
- Heavy Duty IP68 rated weather/vandal resistant aluminum construction is 100% water and dust proof
- 24VAC/12VDC Dual Voltage



Secondary Video Output & OSD Control Joystick are accessible inside a Gasket sealed removable side panel.



Gasket sealed externally adjustable Focus & Zoom with clutch to eliminate over-tightening.



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## Detailed Specifications

Image Device	1/3" High Density Sony EX-VIEW CCD & Effio-E DSP (960H)
Resolution	700 TV lines (960H)
Minimum illumination	0.003Lux / F1.2 (0 Lux with IR LEDs ON)
Effective Pixels	976(H) x 494(V)
S/N Ratio	More than 52dB with AGC OFF at 50IRE
Electronic Iris	1/60 to 1/100,000 sec.
Infrared LEDs	40 850nm IR LEDs
IR Distance	Over 150 Feet
Day/Night	True Day/Night by ICR
Built-In Lens	2.8- 10mm or 3.5-16mm DC A/I, Switched IR Cut Filter D/N Lens
Iris Mode	DC Drive Iris Control (Internally Fixed)
White Balance	1,800~10,500°K Automatic Tracking
Video Output	VBS 1 Vpp +/- 10%, 75ohm
TV System	2:1 Interlace
Scan Frequency	59.94Hz(V), 15.734Khz(V)
Synchronization	Internal/Line Lock (Default: Internal)
Light Compensation	HLC (Highlight Compensation) / BLC (Backlight Compensation)
Noise Reduction	2DNR
E-WDR	YES by ATR (Adaptive Tone Reproduction)
Motion Detection	YES (24 x 16 Grid)
Privacy Mask	Up to 8 Programmable Mask Areas
OSD Language	English, Japanese, German, French, Russian, Portuguese, Spanish
Water Resistance	IP68
Construction	Aluminum Housing
Power Source	12VDC/24VAC (Dual Voltage)
Power Consumption (12VDC)	110mA / 520mA (IR OFF/ON)
Power Consumption (24VAC)	120mA / 470mA (IR OFF/ON)
Operating Conditions	-4°F ~ 122°F (-20°C ~ 50°C) / 85% RH Max
Length (Ceiling Mounted)	9.5" (241mm)
Length (Wall Mounted)	11.375" (289mm)
Width (Camera)	3" (76mm)
Width (Camera w/Sun Shield)	4.375" (111mm)
Height	6" (152mm) (Ceiling Mounted)
Weight	2.65 lbs. (1202g)