



This Ultra Clear, High Resolution camera realizes over 700TV Lines of Resolution and produces a crisp color image by use of a Sony Ex-View HAD CCD II and Effio-E image signal processor. Among its several patented features, are forty Dual Array Dynamic Intensity LEDs allowing precision images to be delivered in total darkness without "Wash Out" from zero to 150' in distance. Designed with the installer in mind, the VTC-IRE40/3516 has externally adjustable focus and zoom with a clutch to eliminate over-tightening, secondary video output, feed-thru wiring, versatile mounting options and On Screen Display for programming. It's IP68 NEMA rating means that this Weather proof camera will never leak or condensate and cannot be permeated by dust or pests.

FEATURES

- 700 TVL High Resolution
- High Density 1/3" Sony EX-VIEW CCD & Effio-E DSP (960H)
- 40 Infrared LEDs at 840nm enable viewing in total darkness up to 150ft
- 0.003Lux (F1.2 @ 40IRE) / 0 Lux with IR LEDs On
- E-WDR by Adaptive Tone Reproduction
- 3.5-16mm Varifocal Auto Iris Lens with External Adjustments for Focus and Zoom
- 2DNR Noise Reduction
- True Day/Night by ICR - Infrared Cut Removal
- Motion Detection
- Weatherproof IP68 NEMA Rating
- Privacy & Highlight masking
- OSD (On Screen Display) and Secondary Video Output
- 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.



Detailed Specifications	NTSC	PAL
Image Device	1/3" High Density Sony EX-VIEW CCD & Effio-E DSP (960H)	
Effective Pixels	976(H) x 494(V)	976(H) x 582(V)
Resolution	700 TV lines	
Minimum illumination	0.003Lux / F1.2 (0 Lux with IR LEDs ON)	
Infrared LEDs	40 840nm IR LEDs	
IR Distance	Over 150 Feet	
Beam Spread	50 degree	
Day/Night	True Day/Night by ICR	
S/N Ratio	More than 50dB with AGC OFF at 50IRE	
Electronic Iris	1/60 to 1/100,000 sec.	
Built-In Lens	3.5-16mm DC A/I, Switched IR Cut Filter D/N Lens	
Light Compensation	HLC (Highlight Compensation) / BLC (Backlight Compensation)	
Iris Mode	DC Drive Iris Control (Internally Fixed)	
Gain Control	Auto	
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)	50Hz(V), 15.625Khz(H)
Synchronization	Internal/Line Lock (Default: Internal)	
Noise Reduction	2DNR	
E-WDR	YES by ATR (Adaptive Tone Reproduction)	
Motion Detection	YES (24x 16 BLOCK ALARM AREA)	
Privacy Mask	Up to 8 Programmable Mask Areas	
Flicker Reduction	Yes	
OSD Language	English, Japanese, German, French, Russian, Portugese, Spanish	
Water Resistance	IP68	
Construction	Aluminum Housing	
Power Source	12VDC/24VAC (Dual Voltage)	
Power Consumption	IR ON: 450mA (12VDC) / 460mA (24VAC) / IR OFF: 110mA (12VDC) / 120mA (24VAC)	
Operating Conditions	-4°F ~ 122°F (-20°C ~ 50°C) / 85% RH Max	
Length	Ceiling Mounted: 9.5" (241mm) / Wall Mounted: 11.375" (289mm)	
Width	Camera: 3" (76mm) / Camera w/Sun Shield: 4.375" (111mm)	
Height	Ceiling Mounted: 6" (152mm)	
Weight	2.65 lbs. (1202g)	