VTC-IRA30
Day/Night IR 750 TV Line Bullet Camera w/100' Range (960H)

- 1/3" High density Sony® CCD (960H)
- High Resolution of 750 Horizontal Lines
- Sony Effio-A Digital Signal Processor
- Simple Installation with External Focus and Zoom control and one turn mount positioning lock
- True Day/Night by ICR (Infrared Cut Removal)
- E-WDR by ATR-EX (Adaptive Tone Reproduction)
- 30 850nm Infrared LEDs with up to 100' Range
- 0.0005 Lux (Sens-up Off) / 0 Lux (IR-ON)
- IR Corrected 2.8-10mm Varifocal DC Auto Iris IR Lens
- XD-DNR (2D+3D DNR) Advanced Digital Noise Reduction
- Built-in Motion Detection with a 24x16 Grid
- OSD (On Screen Display) menu and Camera ID
- IP67 NEMA Rating
- Heavy Duty Mount with Cable Feed Through
- 24VAC/12VDC Dual Voltage

VTC-IRA40
Day/Night IR 750 TV Line Bullet Camera w/150' Range (960H)

- 1/3" High density Sony® CCD (960H)
- High Resolution of 750 Horizontal Lines
- Sony Effio-A Digital Signal Processor
- Simple Installation with External Focus and Zoom control and one turn mount positioning lock
- True Day/Night by ICR (Infrared Cut Removal)
- E-WDR by ATR-EX (Adaptive Tone Reproduction)
- 40 Integrated 850nm Infrared LEDs with up to 150' Range
- 0.0005 Lux (Sens-up Off) / 0 Lux (IR-ON)
- 3.5-16mm Varifocal DC Auto Iris IR Lens
- XD-DNR (2D+3D DNR) Advanced Digital Noise Reduction
- Built-in Motion Detection with a 24x16 Grid
- 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

VTC-IRA70
Day/Night IR 750 TV Line Bullet Camera w/300' Range (960H)

- 1/3" High Density Sony CCD with Effio-A DSP
- 750 TV Lines of Resolution (960H)
- Simple Installation with External Focus and Zoom control and included adjustable Wall Mount Base
- True Day/Night by ICR (Infrared Cut Removal)
- E-WDR by Adaptive Tone Reproduction
- 70 Integrated 840nm Infrared LEDs with up to 300' Range
- 0.0005 Lux (Sens-up Off) / 0 Lux (IR-ON)
- 6-50mm Varifocal DC Auto Iris IR Lens
- XD-DNR (2D+3D DNR) Advanced Digital Noise Reduction
- Built-in Motion Detection with a 24x16 Grid
- 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

HIGH RES 750 TV LINES · **TRUE DAY/NIGHT ICR** · **XD DNR NOISE REDUCTION** · **960H PIXEL ENHANCED** · **ONSCREEN DISPLAY OSD** · **DUAL VOLTAGE +/−** · **PRIVACY MASKING** · **MOTION DETECTION** · **E-WDR ELECTRONIC WIDE DYNAMIC RANGE** · **EFFIO-A** · **EXTERNALLY ADJUSTABLE LENS CONTROLS** · **WEATHER RESISTANCE IP-68** · **IR LED ILLUMINATION**

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.

These Ultra Clear, High Resolution cameras realize over 750TV Lines of Resolution and produce crisp color images by use of a High Density Sony CCD (960H) and an Effio-A image signal processor. Among their several patented features, are Dual Array Dynamic Intensity LEDs allowing precision images to be delivered in total darkness without "Wash Out" from zero to 150'- IRA40 – and 300' – IRA70 - in distance. Designed with the installer in mind, these state-of-the-art cameras feature 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. Their IP68 (IRA40 & IRA70) and IP67 NEMA Rating (IRA30) NEMA rating means that these Weather proof cameras will never leak or condensate and cannot be permeated by dust or pests.

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VITEK
INDUSTRIAL VIDEO PRODUCTS, INC.

Detailed Specifications	VTC-IRA30/2810	VTC-IRA40/3516	VTC-IRA70/650
Image Device	1/3" 960H High Density Sony® CCD		
Resolution	750TV Lines		
Effective Pixels	976(H) x 494(V)		
Minimum Illumination	0.003 Lux (Sens-up Off) / 0 Lux (IR-ON)		
Infrared LEDs	30 850nm IR LEDs	40 850nm IR LEDs	70 850nm IR LEDs
IR Distance	Over 100 Feet	Over 150 Feet	Over 300 Feet
Built-In Lens	2.8-10mm DC A/I IR Cut Filter D/N Lens	3.5-16mm DC A/I IR Cut Filter D/N Lens	6-50mm DC A/I IR Cut Filter D/N Lens
Day/Night	True Day/Night by ICR		
WDR	E-WDR by ATR-EX		
Noise Reduction	XD-DNR (2D+3D DNR)		
Motion Detection	24x16 Grid		
Privacy Mask	Up to 15 programmable mask areas		
White Balance	ATW / PUSH / USER1 / USER2 / MANUAL / PUSH LOCK		
Auto Iris Control	DC drive iris control. Level control is fixed internally.		
Light Compensation	HLC/BLC		
FLIP	Off, H, V, H/V Flip		
Synchronization	Internal		
S/N Ratio	52dB with AGC OFF at 50 IRE		
TV system	NTSC		
Scan Frequency	59.94Hz(V), 15.734Khz(H) 2:1 Interlace		
Flicker reduction	Yes		
OSD Language	English, Spanish, Portuguese, German, French, Russian, Chinese		
OSD Functions	DIS (Digital Image Stabilizer), E-Zoom, Defective Pixel Compensation, Motion detection, Flickerless, Defog, LSC, ANTI-CR (Anti-Color Rolling), Scene preset select		
Video Output	VBS 1Vpp±10%, 75Ω		
Electronic Iris	1/60~1/100,000sec		
Water Resistance	IP67	IP68	IP68
Power Source	UL Certified: 12VDC/24VAC (Dual Voltage)		
Power Consumption (12VDC)	110mA / 455mA (IR OFF/ON)	110mA / 520mA (IR OFF/ON)	110mA / 800mA (IR OFF/ON)
Power Consumption (24VAC)	120mA / 400mA (IR OFF/ON)	120mA / 470mA (IR OFF/ON)	120mA / 820mA (IR OFF/ON)
Installation Temperature	-4°F~122°F (-20°C~50°C)		
Operation Temperature	-4°F~122°F(-20°C~50°C)	-58°F~122°F (-50°C~50°C) @ 85%RH	-58°F~122°F (-50°C~50°C) @ 85%RH
Length	Ceiling Mount: 7.25" / Wall Mount: 8.9"	Ceiling Mount: 9.5" / Wall Mount: 11.375"	11.25"
Width	Camera: 2.5" / w/Sun Shield: 3.5"	Camera: 3" (76mm) / Camera w/Sun Shield: 4.375" (111mm)	Camera: 3.6" / Camera w/Sun Shield: 4.7"
Height	Ceiling Mounted: 4.5" (114mm)	Ceiling Mounted: 6" (152mm)	8.5" (216mm)
Weight	1.21 lbs (550g)	2.65 lbs. (1202g)	4.4 lbs. (1996g)

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AVAILABLE CONFIGURATIONS

VTC-IRA30/2810	Long Range Infrared Day/Night Bullet Cameras w/2.8-10mm Lens & 100' Range
VTC-IRA40/3516	Long Range Infrared Day/Night Bullet Cameras w/3.5-16mm Lens & 150' Range
VTC-IRA70/650	Long Range Infrared Day/Night Bullet Cameras w/6-50mm Lens & 300' Range

BREAKDOWN OF MODEL NUMBERS:
EXAMPLE: VTC-IRA30/2810

{VTC}	{IRA}	{30}	{2810}
VITEK Camera	IR with Effio-A	30 LEDs	2.8-10mm Lens

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