



VTC-IR600



VTC-IR1600

The Long Range IR Bullet Cameras by Vitek combine Long Range Night Vision Surveillance with a Heavy Duty Vandal Resistant Construction. An Uncompromising 480 Line CCD Module and IR Corrected Lens along with Individual Infrared LED and Camera/Lens Compartments result in Optimum Video Performance in Day or Night. IR LEDs are set at both 15 degrees and 30 degrees to enable optimum performance in close-up and distant viewing applications.

FEATURES

- 1/3" Color dual programmed CCD tuned for optimal performance in day or night conditions
- 480 TV Lines Resolution
- True Day/Night Operation
- 60 Infrared LEDs at 850nm enable viewing in Total Darkness up to 150 Feet (VTC-IR600) / 160 Infrared LEDs at 850nm enable viewing in Total Darkness up to 350 Feet (VTC-IR1600)
- Three individually isolated compartments for: Camera, IR LEDs, and Power Module.
- Vari-Focal DC Auto Iris IR Lens 4.2~15.5mm F1.4 (VTC-IR600) / Vari-Focal DC Auto Iris IR Lens 5.0~50mm F1.4 (VTC-IR1600)
- Heavy Duty Weather/Vandal Resistant Aluminum Construction is 100% water and dust proof
- Heavy Duty Aluminum Feed-Through Wall Mount Included
- External focus and zoom controls for ease of installation and adjustment
- 150mA Power consumption (IR-Off) & 900mA (VTC-IR600 - IR On), 1800mA (VTC-IR1600 - IR On)
- IR picture quality is dramatically improved by separating the Camera and IR LED compartments, preventing stray IR light from entering the lens.
- 80,000 Hour LED life expectancy
- Dual Voltage: 12VDC / 24VAC
- Dimensions: 6.875" L x 3.5" OD (VTC-IR600 Camera) / 9" L x 5" OD (VTC-IR1600 Camera) / 8.0" (Mount)

Detailed Specifications	VTC-IR600/4215	VTC-IR1600/550
Image Sensor	1/3" Interline transfer color CCD	
Resolution	480 TV Lines	
Effective Pixels	768H x 494V (380K pixels)	
Scanning System	525 Lines 2 : 1 Interlace	
Scanning Frequency	15.734KHz (H), 59.94Hz (V)	
Shutter Speed	1/60 ~ 1/100,000 sec.	
S/N Ratio	More than 46dB (AGC Off)	
Sync. System	Internal	
Min. Illumination	0.5Lux (F1.3)/0.00Lux(IR LED ON)	0.5Lux (F1.3)/0.00Lux(IR LED ON)
White Balance	AWC	
Video Output	1.0 Vp-p (75ohm load)	
Lens	4.2~15.5mm IR Vari-Focal A/I	5.0-50mm IR Vari-Focal A/I
Operating Temp.	14° ~ 122° F (-10° ~ 50° C)	
Operating Humidity	90% RH max.	
IR LEDs	60	160
Wave Length	850NM	
LED Angle	Combination of 10° and 30°	
Viewing Distance	150 Feet	350 Feet
Power Supply	Dual Voltage: 12VDC / 24VAC	
Power Consumption	900mA (IR ON) / 150mA (IR Off)	1800mA (IR ON) / 150mA (IR Off)