OUTDOOR COLOR BULLET CAMERA w/ 60 FEET INFRARED RANGE

Outdoor Color Security Camera with 36 IR LEDs

This outdoor securtity camera has a 420 TV line CCD video sensor and digital signal processsing (DSP) chipset. This combination provides color video images in normal light and monochrome images in complete darkness thanks to an array of 36 infrared LEDs under automatic photosensor control. The radiant infrared sub system casts a beam of invisible IR light up to 60 feet or more, depending on atmospheric conditions. This cameral operaed on a standard 12 VDC supply and features auto-gain control (AGC), auto-white balance (AWB) and an automatic electronic shutter that operates from 1/60 second to 1/100,000 second.





Photosensor

This color bullet CCTV security camera has a 1/3-inch DSP CCD sensor built into a water resistant case. The array of 36 IR LEDs gives this camera the ability to capture images up to 18 meters (60 feet) away in total darkness.

General Specifications

Video Sensor: 1/3" COLOR CCD

Video Format: Availabel with NTSC or PAL output

Video Resolution: 420 TV lines

Minimum Illumination: 0.0 LUX with IR on

Effective Pixels: NTSC - 512(h) x 492(v) (251K)

PAL - 512(h) x 582(v) (297K)

IR LED Array: 36 Units Operating at 850nm Wavelength

IR Range: 60' or more (depending on atmospheric conditions)

Radiant Infrared Control: Automatic, photsensor controlled

Synchronization: Internal, negative sync.

Video Signal Output: 1Vp-p, 75 Ohm impedance

Signal to Noise Ratio: >48dB (AGC off)

Digital Signal Processing (DSP) chipset

White Balance: automatic

Waterproof Rating: IP66 - superior weather resistance

Lens: 4,3 optical glass F2.0

Auto-Electronic Shutter: NTCS 1/60 to 1/100,000 sec. PAL 1/50 to 1/100,000 sec.

Operating Temperature: -10 degrees to +50 degrees (C)

14 degrees to +122 degrees (F)

Power: 12VDC @ 150 mA nominal (~360mA with IR on)





Attached cables and sun/light shield not shown for clarity

