INDOOR MINI COLOR TURRET W/ IR

Indoor Mini Turret with 12 IR LEDs

The COR-555T is an economically designed mini indoor turret camera with an internal infrared LED array. Using a 1/4" CCD video sensor and a 3.6mm lens, it produces crystal clear color video at 480 line (itv) resolution (420 line etv rating). At night - or when the light level falls below a preset threshold - the 12-LED infrared array turns on, illuminating an area up to 30' from the front of the camera. An integrated lens separator ring prevents IR light from entering the lens, preventing IR haze and "washout". This camera operates on a standard 12VDC 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.

Attached video and DC power cables not shown for clarity









Video Resolution: 420 lines (etv rating), 480 lines (itv rating)

Digital Signal Processing (DSP) chipset

Video Format: Available with NTSC or PAL output

Effective Pixels: NTSC - 270k

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

Lens: 3.6mm optical glass

Signal-to-noise Ratio: > 48db (AGC off)

Minimum Illumination: 0.0 LUX with Infrared ON

Synchronization: Internal, negative sync.

Electronic Shutter: NTSC - 1/60 to 1/100,000 sec.

PAL - 1/50 to 1/100,000 sec.

White Balance: Automatic

Radiant Infrared Control: Automatic, photosensor controlled

Infrared Source: 12 LEDs, 850nm wavelength

Infrared Range: Up to 30'

Power: 12VDC @ 150mA nominal (~300mA with IR on)

Operating Temperature: -10° to +50 Centigrade

-14° to +122 Fahrenheit

Housing: High impact plastic

Dimensions: 2.8" wide at base (70mm), 2.4" tall (62mm)

Weatherproof rating: None - indoor only





