High Resolution Outdoor Turret Camera w/Long Range IR

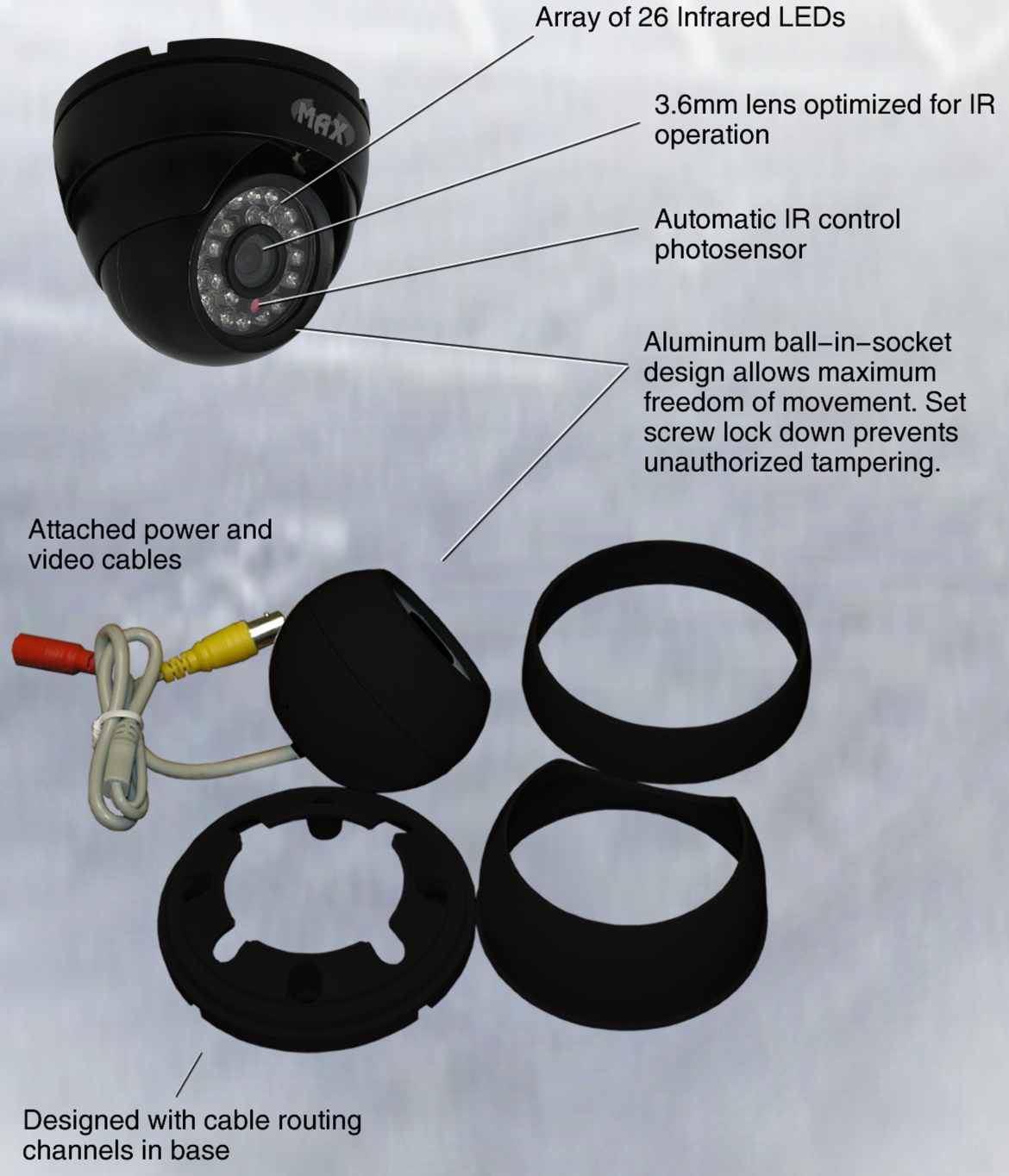
MAX-250

Outdoor Turret Camera with High Resolution

This premium quality outdoor security camera has a CCD video sensor with 500–line resolution and a digital signal processing (DSP) chipset that provides excellent video images in normal light and twilight (0.4 LUX) and can pick up images in total darkness thanks to a built–in radiant infrared LED array that casts a beam of light up to 60 feet. It operates on a standard 12VDC supply and features auto–gain control (AGC), auto–white balance (AWB) and auto–backlight compensation (ABC). The automatic electronic shutter operates from 1/60 second to 1/100,000 second.

Specifications

High Resolution: 500 TV–lines
Video Sensor: 1/4” color CCD with Digital Signal Processing (DSP)
Video Format: Available with NTSC or PAL output
Video Signal Output: Composite signal, 1Vp–p @ 75–Ohm impedance
Lens: 3.6mm optical glass enhanced for infrared spectrum
Signal–to–noise Ratio≥ 48db (AGC off)
Minimum Illumination: 0.4 LUX (F1.2), 0.0 LUX with Infrared ON
Synchronization: Internal
Electronic Shutter: NTSC – 1/60 to 1/100,000 sec. PAL – 1/50 to 1/100,000 sec.
White Balance: Automatic
Backlight Compensation: Automatic
Exposure Mode: EE/AI
Radiant Infrared Control: Automatic, photosensor controlled
Infrared Source: 24 LEDs, 850nm wavelength
Infrared Range: Up to 60’ or more depending on atmospheric conditions
Power: 12VDC @ 100mA nominal (~300mA with IR on)
Operating Temperature: –10° to +45 Centigrade –14° to +113 Fahrenheit
Rain proof and weatherproof, suitable for outdoor placement.
NOTES:



Advanced Engineering and Design Features

Some manufacturers of outdoor infrared cameras using this kind of physical design have encountered various performance issues such as IR glare or “haloing”, excessive current draw and video quality degradation during IR operation. Our design and combination of components and materials reduce and eliminate these common problems.

Simple design modifications remove the need for an internal foam ring – commonly seen in cheaper cameras. What’s wrong with a foam ring? It’s an add–on to fix IR glare and is only partially effective, and they loosen up over time and shift or deteriorate into tiny particles that end up all over the inside of your camera, including on the lens and image sensor. These kind of problems are fixed in our design stage so remedial actions (like gluing on a foam ring) are never necessary. IR glare and haloing are never a problem with our cameras.

Our combination of materials and physical design eliminates problems associated with low light and nighttime video, like random on–screen artifacts and noise.

Did you know we have a dedicated support site and technical help on hand by phone, email, and twitter? We also host on-line professional forums where CCTV product installers and users can communicate with engineers and technicians and share user tips and info? How about free seminars? Few other wholesale suppliers offer this level of customer service.

If a high grade CCD, improved IR operation, and high resolution image at budget prices aren’t enough to satisfy your client, consider support after the point of purchase should anything unexpected occur during installation or follow-up. Our length of time in business and track record of satisfied customers puts other manufacturers to shame.