

CCTV Surveillance

Which camera is right for you?

Toll Free 1-877-422-1907

C-Mount, Dome, or Bullet



CCTV cameras come in many different styles and prices. Prices start at less than \$75 and go up to over \$10,000. However, most decent surveillance cameras are in the \$100 to \$350 price range.

The first step in a digital video surveillance system is choosing the right CCTV Camera. See: [Surveillance Movie Samples on www.CameraSecurityNow.com](http://www.CameraSecurityNow.com)

Cameras take many shapes and forms

The most common form factors for cctv cameras are dome, bullet, and standard c-mount bodies. Pan-Tilt-Zoom, Low Light, Infrared No-Light and License Plate technologies can be built into any of these form factors.

Recommendations

Get a good face shot: Use Higher quality cameras at entry areas

Doors, gates and other entry areas need a good quality, high resolution camera to record a good 'face shot.' The video from this camera should be considered a highly valuable since it can be used as evidence in identifying a person in a court of law.



Wide Angle Cameras for large surveillance areas

Once you can get a good shot of a persons face, you should use a wider angle camera lens for the interior surveillance spaces of the building.

Using color cameras inside your building is a good idea because you can readily identify a person by the clothes they are wearing. Used in conjunction with the face shot at the entry point, you have an excellent record of all people and activities in your surveillance areas.

CCTV Surveillance

Which camera is right for you?

Toll Free 1-877-422-1907



Bullet Cams and Dome Cams are Excellent Options!

They're Low Cost, High Performance and available in Color or B&W

Dome Cams and Bullet cams come in many low cost models. Good quality B&W cams start at less than \$75 and good color cams start at \$150. When it comes to budgets, having a black & white camera is better than no camera at all.



Additionally, if most of your surveillance goals are at night and your budget is limited, a black & white camera may actually be your best solution.

Professional and Standard C-Mount Cameras

If your budget permits, a c-mount camera offer a big advantage over other cctv cameras.

C-Mount or CS-Mount?

C-mount and CS-Mount lenses offer similar performance, the only real difference is the way the lens mounts to the camera. And that's not a problem since the adapter to convert 'C-Mount' to 'CS-Mount' comes with the camera. This enables the camera to use either C-Mount or CS-Mount lenses.



Lenses can be changed!

They simply unscrew from the camera body, just like the way lenses are removed from traditional cameras. There are lens options from 2.5mm up to 500mm providing many different magnification options.

In general, an 8mm lens is like a 4mm lens magnified 200%.

A 16mm lens is like the 4mm lens magnified 400%

Varifocal Lenses

You can also use a varifocal lens on a c-mount camera body. The higher millimeter of the lens the further distance viewable. C-Mount cameras can use a varifocal lens. This is a huge advantage because you can adjust zoom and focus. With Varifocal lenses the focus can be varied from 5mm to 20mm or more.

Even after installed, the *varifocal camera lens can be adjusted* to choose a variety of focal distances and angles of view. An example of where you might use a varifocal lens is outside (or inside) a warehouse or parking lot where you need more distance than 35 feet.

CCTV Surveillance

Which camera is right for you?

Toll Free 1-877-422-1907

Professional C-Mount Camera with Varifocal 4-8mm Lens in Outdoor Housing

C-mount cameras can be used outside when put in an outdoor camera housing like the photo to the right needed to protect the camera. Heat and Fans are necessary in the 'extreme climate areas.'



C-

Pan-Tilt-Zoom

Pan-Tilt-Zoom Cameras also known as PTZ cameras are excellent devices to use when you want to 'look around' your surveillance area.

PTZ cameras allow you to pan an entire room, tilt up and down and zoom in on anything or anybody within the sight of the lens.

PTZ cameras can be set to automatic or manual mode or both. In automatic mode, hundreds of points can be set for the camera to look at. The duration that the camera looks at a given set point can be adjusted from less than a second to as long as you would like.

There are some variances in different models. Some have 17x zooms while others have 50x zooms or more.

Additional information regarding commonly used CCTV cameras:

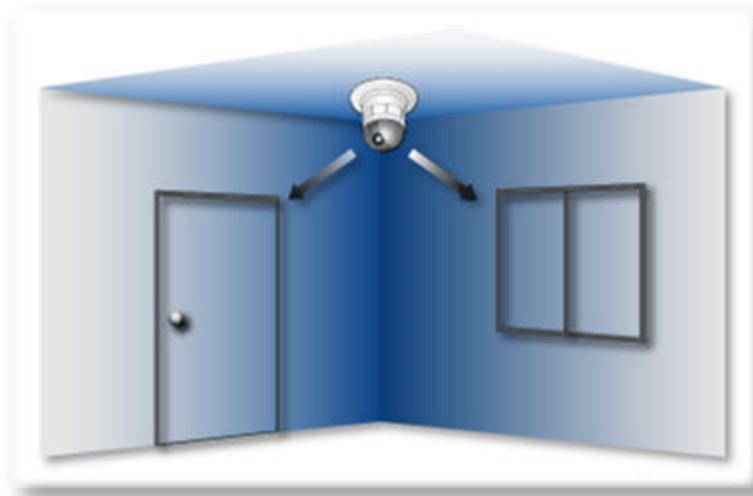
[Bullet Cameras](#)

[Dome Cameras](#)

[PTZ Cameras](#)

[Professional C-Mount Cameras and Lenses](#)

[Night Vision Infrared CCTV Cameras](#)



Detention Grade Vandal Proof CCTV Cameras

License Plate CCTV Cameras

Covert Cameras

Available on website: www.CameraSecurityNow.com

CCTV Surveillance

Camera Tips

Apply Logic when picking cameras and lenses

Toll Free 1-877-422-1907

Consider the following when choosing a CCTV camera:

1. Sketch out a Floor Plan: Put in all camera locations.

Consider the distance to your surveillance zone: Are you 5 feet or 15 feet away from your surveillance target area? It is best to locate your camera as close to the surveillance area first, then choose how much zoom you need. Do you need 4mm, 8mm or 12mm lens?

2. Field of view or area of surveillance: Take photos of areas you want to cover from the proposed camera locations.

What lens you need depends what you want to see and how far away and how wide a viewing area. Wide angle and fisheye lenses are available.

3. Resolution: Do you want to capture a persons face or a car license plate? Each camera location will determine which lenses would maximize your surveillance potential. Do you need 50mm lens or standard 8mm?

4 .Vandalism potential: Will your camera be subject to damage? Damage resistant cameras are available.

5. Lighting: Is the space well lit or dimly lit. Are the lights turned off at night? Do you want to monitor the area with the lights turned off? Do you need infrared or low light cameras?

6. Budget: Just like any technology, the more you spend, the better the system you get. Keep in mind a low cost camera is better than no camera.

Note: The same camera switches from color to black and white with the overhead lights off. The camera automatically adjusts to lower light levels, as low as .001 Lux! In this case, and light from a nearby exit sign was enough to allow the garage camera to 'see in the dark'.

Try this test with your camera and various lenses.

This is an 12mm Shot with a C-Mount Professional CCTV Camera



Lights on



Lights off