

Motorized Zoom Lens CCTV Cameras for Optimum Surveillance



Surveillance camera companies are adopting advanced technology to deliver futuristic security products to cater to the evolving safety and security needs of their clients. From the days of basic CCTV cameras that would barely capture grainy footage, the security industry has come a long way with respect to surveillance devices. Today, it is only normal for CCTV manufacturers to incorporate HD filming, low-light video capture and remote coverage, apart from several other intuitive features.

Technological Edge

HD surveillance cameras of modern times feature motorized zoom lens technology. With this technological advantage, these cameras have an edge over old-school cameras that came equipped with vari-focal lens that had to be manually adjusted. With an advanced motorized lens, the focal length is adjusted automatically which results in better focused and a clearly captured image. This enables security personnel to install CCTV devices in a time-efficient and a streamlined manner. Also, the motorized lens also enables complete control through various buttons provided on a mobile app, web platform or a PTZ remote controller.

Reduced Manual Intervention

CCTV cameras equipped with motorized lenses offer several other advantages. For large-scale projects that entail installation of a big number of surveillance cameras, it is always a prudent decision to pick cameras with motorized lenses as they help to notably reduce the debug process and installation work as it is no longer essential to manoeuvre each security camera manually.

CCTV devices fitted with motorized lenses also allow installers to set the field of view accordingly so that the lens covers maximum area and also supports the video monitoring functionality. It helps with vehicle registration number plate and driver face detection, among other key functions.

Most security experts advise organizations to choose HD surveillance cameras fitted with motorized lenses, particularly for those who are reluctant to go for the expensive ones like IP CCTV cameras.

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