Tech Issue	TXP-002	Created Updated	Jan. 20, 2009 Oct 18, 2010
Category	System		
Product	All products		
Title	What is the difference between Analog Camera and IP Camera?		

What is the difference between Analog Camera and IP Camera?

The analog video camera use dedicated point-to-point analog cabling from the camera location to the viewing/recording station.

IP Camera uses the IP network technology as the backbone for transporting information. The digitized video, audio streams can be sent to any location via an IP network, enabling video monitoring and recording from anywhere within network access.

The analog video is a one-directional signal carrier that ends at the viewing/recording station.

IP Camera is multi-directional (allowing information to be sent and received).
For instance, an IP Camera can send video, audio and other data (alarm, etc.) to the viewing and recording station, as well as receive instructions from the station that could activate doors or external alarms.

In addition, an **IP Camera** can communicate with several applications in parallel and perform various tasks such as detecting motion or sending different streams of video. **For instance, an IP Camera can send video stream to NVR for recording, send another video stream to Network Matrix Decoder, and send another video stream to Command Station at the same time.**

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