

Cloud-based camera vs IP camera

First, Connection simplicity

Cloud-based cameras are designed with simplicity and security in mind. They can only be accessed via a central web portal and not through a specific local IP address and port, which make them an ideal purchase for those who don't want to worry about network maintenance. Once the camera is registered into the cloud system, it is automatically connected. Even if the camera is moved from you home to your office, or router is changed, it always works.

IP cameras have been designed to cater for users that want the true flexibility of options, integration and 3rd party compatibility; someone who likes to get their hands dirty, configure things manually and feels comfortable with networking and ports. It's ideal for those who want to connect multiple devices and carry out a wide range of monitoring applications. At each time the router to which the camera is connected is updated or model is changed, the camera has to be setup again. Some cameras have some auto connection function, but it only work at some conditions.

Secondly, Video Recording

As all videos of cloud camera can be stored in the cloud, users can access them quickly and easily from wherever they are; a similar customer experience to watching content on YouTube.

For IP Camera you need think about where you want to store your videos; for example, an SD card, local computer, NAS drive etc. Depending on where it is stored, you must consider that there is a possibility your footage could be stolen, overwritten or corrupted.

Technically, it is different

In cloud camera, all video streams from your cameras go through the portal before arriving at your mobile device or personal computer. The Web portal acts as the intermediary, relaying video feeds and storing video clips to its own servers. Firewall cannot block the access. The security is boosted at server side.

In IP camera, your mobile device or personal computer will directly access the video from camera cross internet. The camera works as a HTTP server. The firewall of the router will block the access since it be interpreted as an unknown uninvited visitor unless some settings on router are performed when install the camera. It is biggest hassle in IP camera. Next difficulty is that browser plugin software need be installed to watch the camera video.

Kytron technology was a supplier of IP cameras several years ago, experienced a big volume of technical support requests from customers by connection problems caused router settings, router model changes. Thanks for our engineer's long way efforts, now we created our wysLink video cloud platform, and provide the cloud based camera solution. Customer can setup the camera hassle-free, and watch the video just like watch video from YouTube.