

# iProtect™ IP-VIDEO

## **iProtect™ IP-Video**

Within the iProtect™ security management system, Keyprocessor is able to offer a fully integrated IP-Video module. Previously, analogue cameras were commonly used, but now that the quality of the network cameras has improved so much, Keyprocessor is switching to camera surveillance.



Network cameras offer major advantages: as well as good image quality and cost savings, the system can be used by various target groups and distance is no longer an issue. IP-Video can be used as a stand-alone, but its added value lies in that it can be combined with iProtect™ modules such as intrusion detection, access control, people protection and parking management. Sophisticated functions such as 'video

accompanying transaction', 'video accompanying movement', observation and registration assisted by our broad programme of network cameras, give you the assurance of a fully integrated and very advanced IP-Video system.

## **Network cameras**

While Keyprocessor's own programme includes a complete line of network cameras, almost all A-brand network cameras can be integrated in our system.

## **Megapixel cameras**

Cameras with megapixel technology enable image quality that was unthinkable with analogue systems. Owing to this exceptionally high

image quality, a close-up can be obtained simply by zooming in digitally with the mouse. The number of cameras can even be reduced.

## **Existing cameras**

Provided they are technically suitable, existing analogue cameras can be re-used so that no extra investment is necessary. These are integrated in combination with an IP converter within the IP-Video system.

## **Recognise this?**

With many camera systems, the management of the storage time, the subsequent viewing of visual material and its export are laborious processes. By contrast, the Dutch Data Protection Authority would like the storage of visual material to be managed in accordance with its guidelines.

## **Solution**

With the aid of IP-Video Camera Surveillance within iProtect™, Keyprocessor offers a total solution. Transmitting data via TCP/IP will enable you to make substantial savings and offer you a great improvement in quality. From any location, you yourself can manage the images from your cameras, retrieve events, display them and, if desired, export them. The infrastructure as well as the central storage and local equipment rely on 'standard' components. This simplifies the management and also

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prevents capital wastage since systems are built in a scalable manner. Transmission over IP offers the option of conducting supervision in an efficient manner. The supervisor's physical presence on site is not required; he or she can manage and operate everything from any location.



## **The advantages**

You want an easy and efficient installation. Just one plug is all it takes to connect you to the ethernet. If used in the right way, this is a very advantageous way to 'bridge distances'. It is possible to add another camera, without installing a cable especially for the task. Thus, a direct PC or server connection is not required. Just a couple of network parameters are required for the IP address.

## **You want to make savings**

Thanks to intelligent characteristics such as video-movement detection, accelerated recording speed and detailed image analysis, both hardware and labour can be saved. Similarly, time is saved because

recorded image information of an event can be retrieved quickly and easily. In addition, efficiency increases since it is no longer necessary to look at video images that are not relevant. The use of video verification when granting access at decentralised locations saves costs and time. In addition, it is easy to switch the reception function after 17.00 hrs to a staffed central post or an emergency room.

This solution is based on existing network technology. Thus, several video signals can be sent over the same channel and larger areas can be covered more efficiently with the use of less hardware (megapixel technology saves the use of extra cameras). The 'Power over the Ethernet' technique meets the need for a rapid roll-out, so that no extra installation costs are incurred, as is the case with 230 V cameras.

The iProtect™ Camera Surveillance 'grows' with the organisation. Expansion saves investment costs later.

## **You want reliable safety...**

These days, networks can be set up so that data can safely be assumed to go only where it should. Proper configuration and authorisation (management) can prevent data 'leaking away'. Data is assigned a watermark upon storage and can be transferred in an encrypted format. Now

with IP-Video, using RAID configurations and PoE, CCTV systems can easily be built as a redundant system and they can be equipped with emergency power supplies.

## **Access based on number plates**

Number plate recognition is an option within iProtect™ IP-Video and can be used to grant access to, for example, a company car park. The barrier opens immediately when the number plate of a member of staff or an expected visitor is recognised.

## **We share your thinking process**

With its keen understanding of security matters, Keyprocessor is the right partner to advise and support you in deciding the right way to use iProtect™ IP-Video and the best way to use other iProtect modules in your organisation.



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