An easy and cost-effective way to add video to monitored alarm systems

Intelligent Visual Monitoring

Bring greater value to your customers by installing the OPTEX Bridge links participating Alarm Receiver Centre (ARC) giving access to the Intelligent Visual Monitoring Portal.

- Link intrusion indoor and outdoor sensors to IP cameras
- Provide visual verification within seconds
- Gives a fully audited interaction between ARC and customer
- Provides a quick and appropriate response

Easy and fast visual verification
Add video functionality to monitored alarm systems

OPTEX’s Intelligent Visual Monitoring Solution enables a connection and allocates IP cameras to intrusion sensors, or a panic button, and transforms a remotely monitored alarm system into a video enabled alarm solution.

It consists of one IP device called The OPTEX Bridge, which connects the cameras to the alarm panel, and one intelligent software solution hosted in the Cloud and accessible via the CHeKT/OPTEX Portal.

You can offer your customers flexible options: make full use of their existing installed equipment and technology, either adding to legacy alarm panels or cameras, or building a new solution from scratch. It can be installed on a single site or across multiple sites sharing the same network.

No more blind alarms

There are many instances where the intrusion alarm goes off and it is unclear what could have caused it. By adding video capability, users can either confirm the alarm or dismiss it. The speed with which an alarm can be verified is critical; the quicker the operator can make a decision, the quicker the police can be called or a security officer sent to your site which is why the Intelligent Video Monitoring solution presents the video within a few seconds.

What equipment can be used?

- IP Camera
- IP Camera
- IP Camera
- Digital Video Recorder

- Visual Monitoring Portal
- Secure access to Cloud
- The OPTEX Bridge
- Monitoring station
- Alarm Panel
- Panic button/ Door contacts
- Indoor intrusion sensors
- Outdoor intrusion sensors

Panic buttons monitoring
Verify who is intruding into your property or business
Get notified before the damage is done
How the solution works?

1. One of the sensors or panic buttons triggers and sends an alarm to the monitoring station with the view of the associated camera.

2. The monitoring station receives the alarm and opens the Cloud portal to access the video recording, live images and the site map. These can be shared as required.

3. If the alarm video is shared, the customer receives an email and text message with a link to view the recordings and click on the right instructions. The monitoring station is notified of the customer’s review and instruction in real-time.

An easy way to bring better service to your customers

System Upgrade

By installing the OPTEX Bridge and granting access to the Intelligent Visual Monitoring Portal powered by CHeKT, your existing customers can upgrade their “blind” monitored alarm system to a Visual Verification solution. Customers can keep their legacy alarm panel or CCTV equipment as long as it is ONVIF compliant, and build onto it without affecting their system grading.

New Solutions

Single or multisite customers are often looking for an efficient way to monitor their intrusion security system or panic buttons systems. The Bridge and the Intelligent Visual Monitoring solution gives the flexibility to design a new system from scratch and have it easily monitored by an ARC.

Better response to events

The monitoring centre has the ability to collaborate quickly and efficiently with the customers. A customer can review the footage and instruct the ARC accordingly, either choosing to disregard the event or request further action to be taken. This enables for fast and appropriate action to be taken, and also eliminates unnecessary dispatch of police or security responders.

Provide a unique privacy feature to your customers

Video and privacy combined

Respecting privacy especially inside private buildings is essential. Intelligent Visual Monitoring provides an unique privacy feature using embedded video analytics in the Cloud. When enabled, all people detected are replaced with a silhouette form so the operator cannot identify them.

What the operator sees

Lifting the privacy feature

Only named contacts have the ability to lift the privacy and check who is actually there. If help is required from the police or security officers, the silhouette disappears and the operator can see the individual.

What the end-user sees
How to access the solution?

Monitored alarm system

The Intelligent Visual Monitoring solution is designed to work in conjunction with a monitoring station: your alarm panel and the OPTEX Bridge need to be connected to one of the participating Alarm Receiving Centres (ARCs).

OPTEX Bridge

The solution requires an OPTEX Bridge to be connected to the alarm panel and the network. The Bridge can only be installed and configured by a professional installer who has an account with a monitoring station.

Designed for an easy installation

The installation and set-up of the OPTEX Bridge is quick and easy using the installer portal.

- Auto-discovery of the IP cameras or DVR on the network
- Mapping of cameras and sensors (one camera per sensor)
- Upload of satellite site map or images
- Ability to overlay camera and sensor on the map
- Connection to participating ARC
- Adding emergency contacts

The detection pattern overlay helps identify the area of intrusion

Fleet management and maintenance

The Installer Portal provides a list of all the installed sites with the device status.

Through the portal, maintenance appointments can be booked securely with the customers.

IP connection

The Bridge needs to be connected onto the network to send information to the Portal hosted in the Cloud.

ONVIF compliant camera(s) or DVR

To guarantee a good transmission of the video stream to the Cloud, the system requires either ONVIF compliant IP cameras or DVR.

* The solution might not be available in all countries, contact OPTEX to find out the list of participating countries and monitoring stations.

The Installer Portal provides a list of all the installed sites with the device status.

Fleet overview and status

Device status

Manage your appointments

When and how many events occur

The Installer Portal provides a list of all the installed sites with the device status.

Customer list

Device list

Site map

Camera location

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