

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

Intelligent Visual Monitoring



CH1 
CH2 

Bring greater value to your customers by adding video to their new or existing alarm system. OPTEx Intelligent Visual Monitoring solution is a professional Cloud-based solution using the OPTEx Bridge as a gateway and providing fast, flexible and audited visual verification solution.

- Link intrusion indoor and outdoor sensors to IP cameras
- Connect to panic buttons and PA systems
- Fully audited visual verification within seconds
- Enable a quick and appropriate response



Add video functionality to alarm systems

OPTEX's Intelligent Visual Monitoring Solution enables a connection and allocates any IP camera to any intrusion sensor, or a panic button, and transforms an alarm system into a video enabled alarm solution.

It consists of one IP device called The OPTEX Bridge (available as a four or twelve channel model), 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.

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 or customer can make a decision, the quicker the police can be called or a security officer dispatched to your site which is why the Intelligent Video Monitoring solution presents the video within a few seconds.

What equipment can be used?



Panic buttons monitoring



Verify who is intruding



Outdoor intrusion detection



Existing or new IP cameras

OPTEX Bridge and Portal

Existing or new alarm system

Application

How the solution works.



1 One of the sensors or panic buttons triggers and sends an alarm to the monitoring station and/or customer 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 Based on the visual verification, a police or security response can be launched or the alarm can be disregarded. All events and responses are logged in a clear audited trail.

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 and/or CCTV equipment as long as it is ONVIF compliant, and build onto it without affecting their system grading.

New Solutions

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 for single or multiple sites and have the flexibility to choose how to monitor it. If multiple buildings are not on the same IT network, they can be connected via the Cloud and be monitored as one.

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 monitoring centre accordingly, either choosing to disregard the event or request further action to be taken. This enables 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



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.

Video and privacy combined

Respecting privacy especially inside private buildings is essential. Intelligent Visual Monitoring provides a unique privacy feature using embedded video analytics in the Cloud. The customer can choose to enable the privacy mode if being professionally monitored. When enabled all people detected are replaced with a silhouette form so the operator cannot identify them.

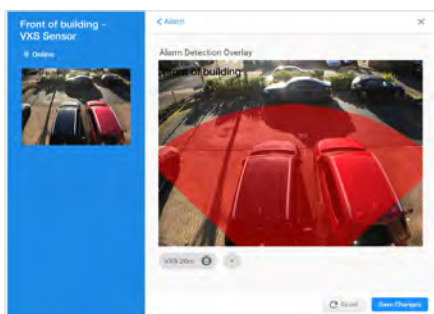


What the end-user sees

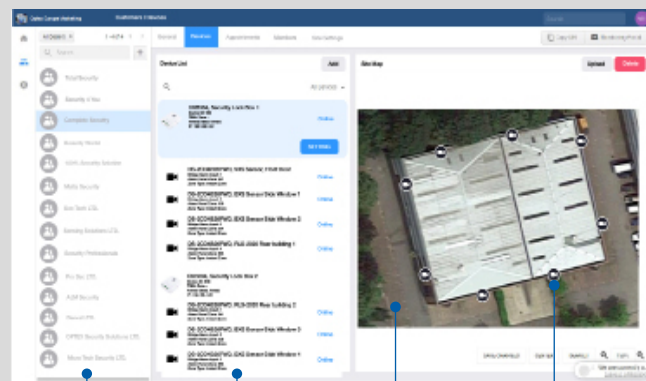
Designed for an easy installation

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

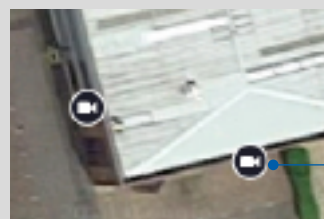
- Auto-discovery of the IP cameras or DVR on the network using ONVIF
- Upload site map or images
- Interactively overlay camera and sensor position
- [Connection to participating monitoring centres](#)
- Adding emergency contacts
- Audio talkdown for audio challenges
- Relay contact output to trigger third party devices



The detection pattern overlay helps identify the area of intrusion



Customer list Device list Site map Camera location



Device management and maintenance

The installer portal provides a list of all the installed sites with the device status.

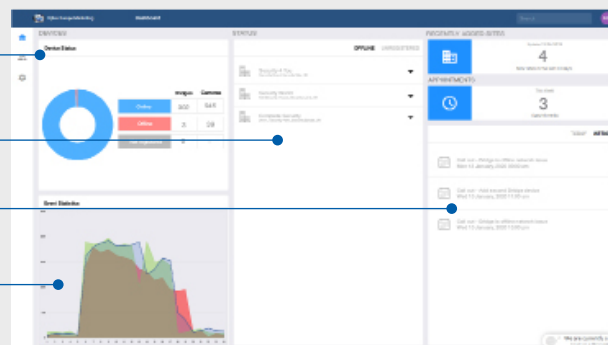
Through the portal, maintenance appointments can be booked securely with the customers.

Fleet overview and status

Device status

Manage your appointments

When and how many events occur



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 monitoring stations.

OPTEX Bridge

The solution requires an OPTEX Bridge to be connected to the alarm panel and the network. Two models are available, the CKB304 and CKB312 with respectively four and twelve channels.

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

End-user app

For convenience and as a service to the customers, a smart-phone App is available for them to arm and disarm and check their premises at their own convenience.

IP connection

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

ONVIF/RTSP compliant video stream

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



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