Intelligent Visual Verification Bridge
Powered by CHeKT

Features

- Available in a 8 channel and 12 channel model.
- Arming and disarming options.
- Can work with all existing equipment.
- Pair alarm devices such as intrusion sensors, panic buttons, environmental sensors with cameras.
- Supports ONVIF compliant IP Cameras and NVR/DVR.
- Line level output for remote talk-down capability.
- Programmable via installer mobile app.
- End user app for customer visual confirmation.
- System Health check.
- SSL encryption for secure communication with the Cloud.

The OPTEX Intelligent Visual Verification Bridge links CCTV cameras to a monitored alarm panel, adding visual verification to the intruder alarm system.

Connected to the control panel, the Bridge enables indoor and outdoor intrusion sensors, door contacts and panic buttons* to be linked with ONVIF cameras or DVRs, to map the detection or alarm zones to the associated cameras. Once installed, the Bridge should be connected to the station monitoring the site and connected to the Visual Monitoring Portal hosted on the Cloud. The alarm system can then become a responsive visual verification solution allowing the operator to visualise events in a few seconds and if required, to send the pre- and post-event recordings to the key holder or emergency contact for further verification and instructions. The Bridge series provides a Health check of the security system by alerting the monitoring station if a device is offline. It can also manage remote talk down if the operator needs to issue a verbal message.

*Monitoring panic buttons requires a different setting than monitoring detection sensors or door contacts, please consult us for more information.

Creating Visual Verification monitoring

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.

What can be connected to the Bridge devices?

IP Camera   IP Camera   IP Camera   DVR/NVR

Visual Monitoring Portal Secure access to Cloud

End-user monitoring

Monitoring station

Alarm Panel

Audio warning

Panic button/ Door contacts

Indoor intrusion sensors

Outdoor intrusion sensors

(Compatible with any OPTEX or third party indoor and outdoor detection sensors, door sensor and panic alarm)

Specifications

Model	CKB-308		CKB-312v2
Alarm Zones	8x Alarm Input Zones		12 x Alarm Input Zones
	1 x Controllable Relay Output - (N.C./N.O.)		4 x Controllable Relay Outputs - (N.C./N.O.)
Audio	1/8" (3.5mm) Line Level Output (non-amplified)		1/8" (3.5mm) Line Level Output (non-amplified)
Material	Polycarbonate (PC)		
Dimensions	150mm W x 98mm D X 35mm H		225mm W x 96mm D x 35mm H
Weight	265g (0.6 lbs)		350g (0.8lb)
Ethernet Standard	10/100 Base-T		
Encryption	SSL/TLS		
Power Source	/PoE IEEE 802.3af class 3	12 V_{dc}	/PoE IEEE 802.3at class 4
Power Consumption	800mAmps Peak / PoE : 10.5W Peak		800mAmps Peak / PoE : 10.5W Peak
Alarm Input Zones	Input voltage range 0 V_{dc} minimum		Input voltage range 0 V_{dc} minimum
	to 12 V_{dc} maximum		to 12 V_{dc} maximum
	Ground Terminals all Common		Ground Terminals all Common
Relay Output	max 100mA @ 24 V_{dc}		Relay rating: max 5Amp @ 24 V_{dc}
Trouble Output Zone	0-12 V_{dc}		0-12 V_{dc}
	Programmable Arming Ranges		Programmable Arming Ranges
Operating Humidity	Up to 85% RH (non-condensing)		
Operating Temperature	0–40°C (32°–104°F)		