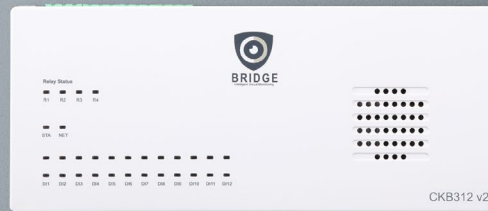


# OPTEX Visual Verification Bridge

For Professionally  
Monitored Security  
Systems

Model:  
**CKB-312V2**



**What The Central Station Sees**  
Delivered in 5 seconds



**What An End-User Sees**  
Only when/if criminal intent is detected

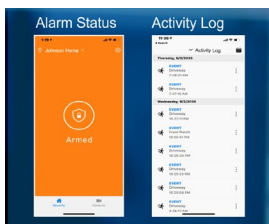
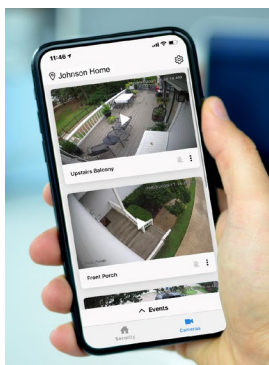
## Intelligent Visual Monitoring Solution

The OPTEX Visual Verification Bridge series features powerful next generation gateway devices that allows security professionals to connect ONVIF compatible cameras and alarm sensors to the Cloud-based Visual Verification Portal powered by CHEKT.

Aimed primarily to monitored alarm systems, the solution provides central station operators the ability to visually verify alarm threats within seconds, and respond accordingly. When designed, installed, and maintained properly, this system can eliminate 100% of false dispatches and dramatically increase customer satisfaction and retention. The solution allows the operator to share video alarm events with the site emergency contacts to validate or dismiss the alarm.

The Bridge CKB-312V2 (12 version 2.0 channel model) allows the integrator to pair multiple cameras with sensors for visual verification of events, simplifying the installation for small to larger sites using a single device to transmit up to twelve event-driven ONVIF camera feeds. Installing the Bridge as an alarm panel module is a cost-effective way to add visual verification to existing intrusion systems, using legacy equipment.

In addition, a smart-phone App is available, allowing end users the option to have a professionally installed and self-monitored visual verification solution.



## Affordable & Effective — Visual Verification Made Easy

- Compatible with any ONVIF S compliant device
- Allows pairing of traditional alarm zones to cameras
- Supports HD over coax camera/DVR (supports DVR)
- Line level output source for talk-down capability

## For Central Stations

- No set-up cost/integration with CS
- 5 second average delivery time to CS
- Pre and post-alarm event visual verification
- Does not require Flash video player



**Integrates With All Central Station Automation Systems.**

## For End Users

- 5 second average delivery time to CS
- Low cost of ownership
- SMS text notification
- Secure video from protected premise to CS (SSL)

## For Dealers

- 30 minute installation time
- No firewall configuration
- Intuitive UI mapping
- Powered by PoE
- DVR/NVR port-forwarding not required
- Camera port-forwarding not required
- Works with any alarm panel
- Works without an alarm panel
- Works with any ONVIF S compliant device
- Compatible with cameras with EDGE analytics
- IP Communicator
- Does not require SMTP setup on devices (DVR/NVR/Cameras)



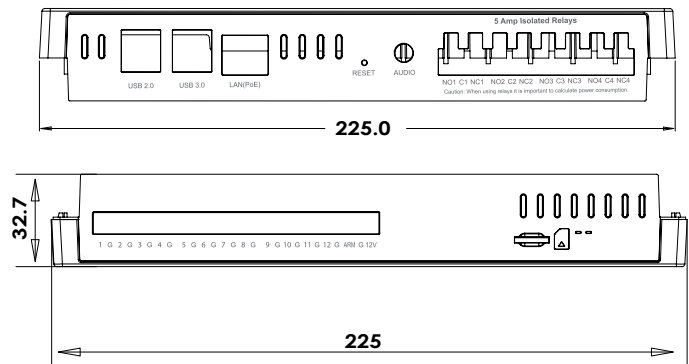
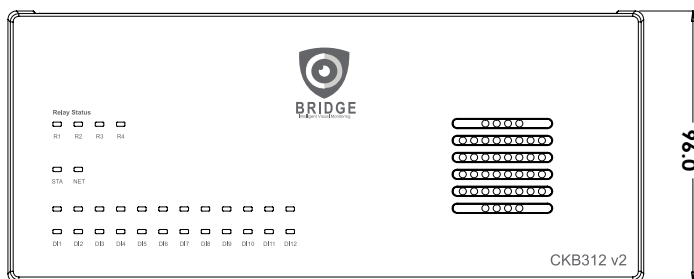
## Specifications

<b>Model</b>	<b>CKB-312V2</b>	<b>Video analytics support</b>	ONVIF Event Messaging Protocol
<b>Digital alarm inputs</b>	12 x Digital Input Zones	<b>Event triggers</b>	Zone Input Triggers, ONVIF Event Topics, AI Event Triggers with API
<b>Relay output</b>	4 x Relay Output (NO/NC) – 5Amps @24v DC	<b>Alarm events</b>	Transmitted via IP to Central Station Automations
<b>SD card slot</b>	microSD/SDHC card slot (Used only for internal Bridge OS – Bridge Warranty Voided if Removed!)	<b>Audio in</b>	Available on supported cameras with audio in the video stream
<b>Audio output</b>	1/8" (3.5mm) Line Level Output (non-amplified)	<b>Ethernet</b>	RJ-45 10/100/BASE-T Connection
<b>Reset button</b>	Bridge factory reset	<b>Encryption/security</b>	TLS/SSL (Secure Socket Layer)
<b>USB ports</b>	2 x USB2.0 type A + 2 x USB3.0 type A	<b>Operating temp/humidity</b>	0C ~ +40°C (32°F ~ 85°F) / Less than 85% RH
<b>STA (status)</b>	Bridge Power – On (Armed Status – Red[Armed] Green[Disarmed])	<b>Bridge power source</b>	12v DC / PoE IEEE 802.3af class4
<b>Network</b>	Network Connection Indicator	<b>Power consumption</b>	DC : 800mAmps Peak PoE : 10.5W Peak
<b>DI (alarm 1-8 or alarm 1-12)</b>	Digital Input Indicators (Red – Alarm, Off – Normal)	<b>Digital input zones</b>	Input Voltage Range: 0-12v DC (All Ground Termals Are Common)
<b>Video source recommendations</b>	IP devices with available RTSP Stream. Video Source Requirements:~ D1 Resolution: 720x480 & 6 FPS	<b>Relay output</b>	max 5Amps @24v DC
<b>Video compression support</b>	H.264	<b>Arming input</b>	Input Voltage Range: 0-12v DC (All Ground Termals Are Common) – 1.87v ADC Reading with no external Connection
<b>Video authentication support</b>	ONVIF, RTSP, HTTP, CheKT API	<b>Color/material</b>	White / Polycarbonate (PC)
<b>Video transmission security</b>	TLS/SSL Encryption to Cloud & Central Station	<b>Product dimensions/weight</b>	225mm x 96mm x 35mm (8.9" x 3.78" x 1.38"), Weight : 350g (0.8lb)

## Dimensions

Unit: mm

CKB-312V2



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