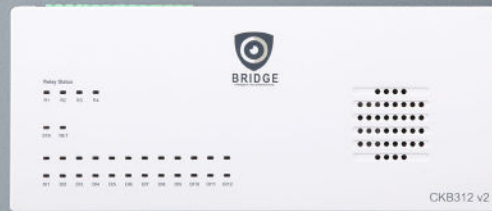


OPTEX Visual Verification Bridge

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

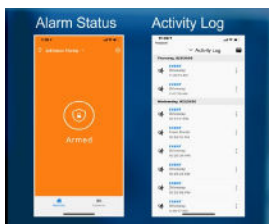
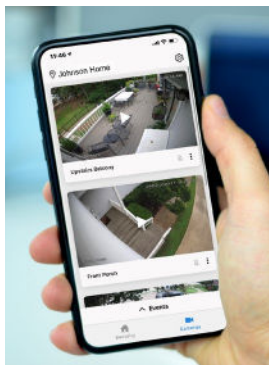
Intelligent Visual Monitoring Solution

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)



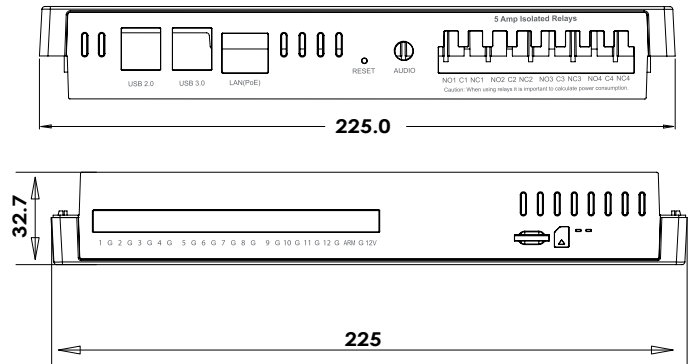
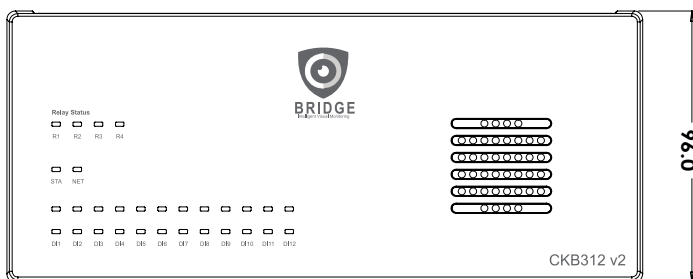
Specifications

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