

CHeKT Deep Learning AI Server



12 Channel AI Video Server

- 12 Channels of Deep Learning Video Analytics
- ONVIF Analytics Metadata Streaming
- Server-based Video Analytics Software
- Video AI server to allow quick deployment of deep learning analytics
- ONVIF AI Encoder to integration video with analytics into VMS platforms

Product Features

12 Video AI Channels



The CHeKT AI Server provides deep learning on camera streams.

Central Station Integration



Paired with the CHeKT Bridge communicates critical AI events into 24/7 video command centers for a real-time response.

Video Alarm Detection



Works with ONVIF-based camera analytics and AI server systems to create video alarm events.

AI Features



People detection



Object filter



Vehicles types



Bag detection



Zones



Slip and fall



Aggressive Behaviour

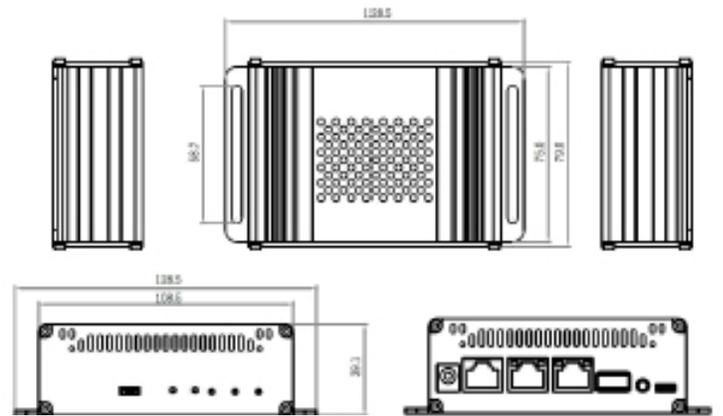


ONVIF AI Encoder

Specifications

SYSTEM	
Model	CKTAI612
Audio Output	(3.5mm) Line Output (non-amplified) & IP Audio
Reset Button	Factory Reset
USB Ports	2 x USB3.0 Type-A + 1 x USB2.0 Type-C
LEDS	
USB	2 x USB 3.1 Gen
Video (GPU)	1 x micro HDMI
Network	2 x 1 Gigabit RJ-45
OVERVIEW	
Video Analytics	Deep learning video analytics software
Event Triggers	ONVIF Event Topics, E-mail, TCP, HTTP
Alarm Events	Transmitted via IP to Central Station Automation and VMS Software
Audio Out	Intrusion detection, Tamper detection, Enter & exit filters, Appear & Disappear filters, Stopping filter, Dwell filter, Direction filter, Counting, Abandoned object filter, Removed object filter, Zones & lines, Speed filter, 3D calibration, Tailgating filter, Logical rules.

OPERATING SYSTEM	
OS	Ubuntu 20.04 LTS Desktop
ENVIRONMENTAL & ELECTRICAL	
Operating Temp	0°C to 40°C (32°F to 104° F)
Operating Humidity	20% ~ 85% RH
Power	DC 12V/5A (1 x DC power jack)
MECHANICAL	
Color/Material	Black/Silver & Metal
Product Dimensions	128.5mm(W) x 39.1mm(H) x 79mm(D)



Integration into Central Stations and Alarm Receiving Centers with the CHeKT Video Bridge

