IDIS One Solution. One Company.

Product Brochure

Add-On 4-Channel Surveillance AI Box

Packed with highly accurate, in-house developed AI-powered analytics

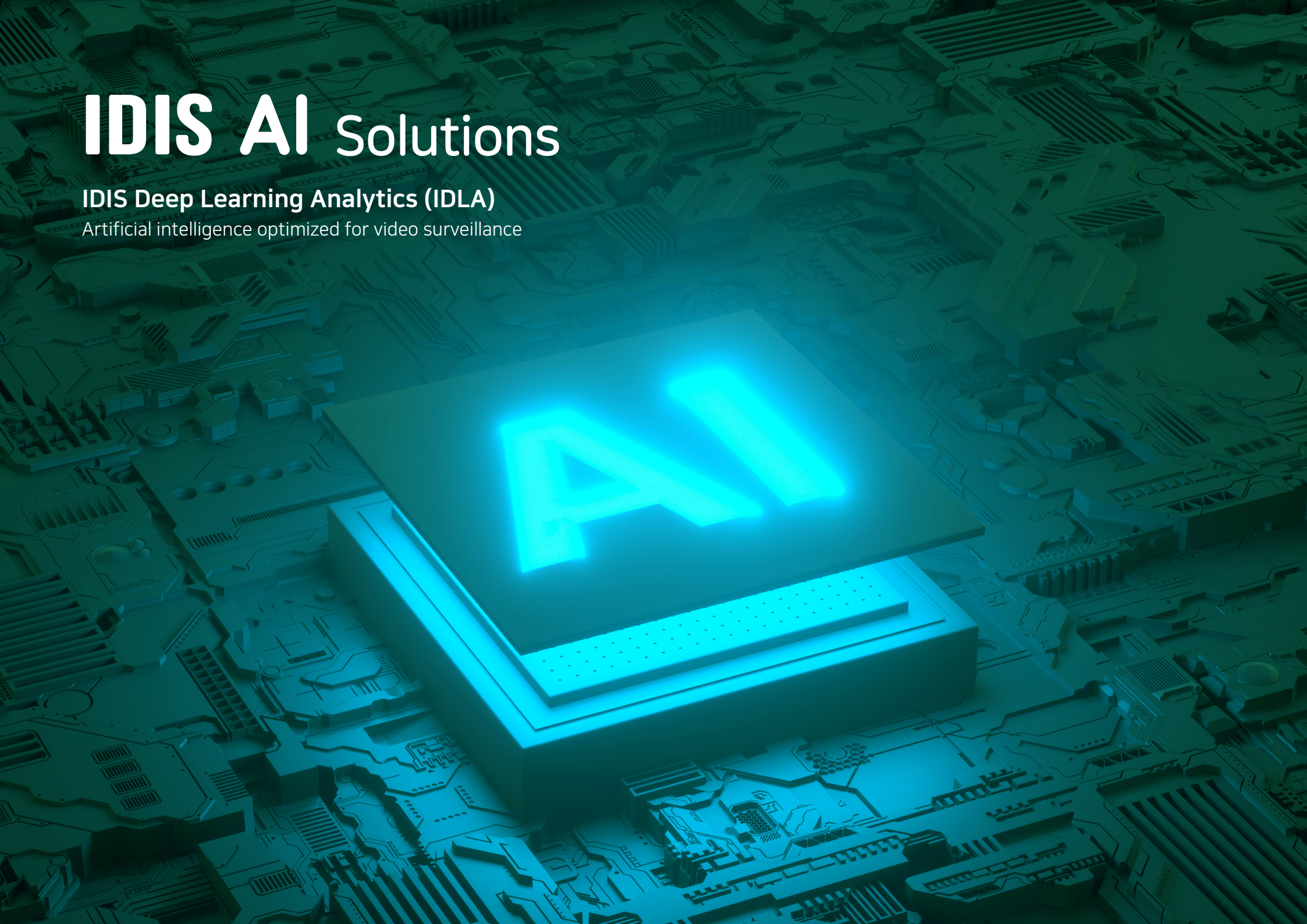
DV-1304-A

NDAA Compliant

IDIS AI Solutions

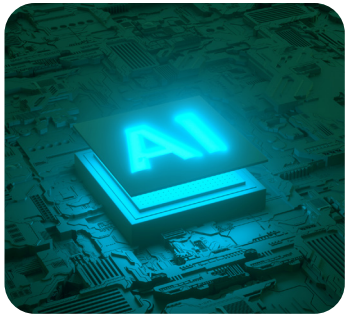
IDIS Deep Learning Analytics (IDLA)

Artificial intelligence optimized for video surveillance



Featured benefits of IDIS AI Box

Introducing industry's only IDIS AI Box in various benefits



In-house develop AI engine
(IDIS Deep Learning Engine)

Developed by our own R&D team, the IDIS AI engine is designed to specifically tackle the challenges of security and surveillance operations.

By training the IDIS Deep Learning Engine on vast data sets, the AI Box delivers up to 98% accurate alerts and notifications compared to conventional video analytics.

This means that users have the flexibility to configure AI around their own specific security, safety, and other operational needs.

Low Total Cost of Ownership

No upfront or recurring licenses

Users can take advantage of industry-leading accurate video analytics without any license fees or devices connection costs.

Empower your existing cameras

There's no need to buy new AI edge cameras, expensive AI NVRs, or hardware. Reap all the benefits of industry-leading AI functionality, by simply adding the AI Box to your existing IDIS system.

Proactive monitoring and less human error

AI-powered analytics reduce false alarms and eliminate the need to continually monitor multiple video streams that lead to operator fatigue, and events being missed.

Free yet feature-rich video management

Users can benefit from the industry's only full-featured, free VMS, IDIS Center, that gives users live monitoring, playback, and highly efficient forensic search to speed up investigations.

NDAA Compliant

The IDIS DV-1304-A is part of the IDIS suite of NDAA-compliant products, which are trusted for use in US federal agency or funded projects, Department of Defense (DoD) applications, and for the sale and implementation by associated contractors.

BUS
TAXI
Human
BIKE

A Simple Add-On AI Box Using **DirectIP**®

Leverage existing legacy systems of any size

The IDIS all-in-one AI Box, DV-1304-A is license free and comes pre-installed with the IDIS Deep Learning Engine that delivers up to 98% accuracy. It packs a punch with all the AI-powered functionality that users need to reduce false alarms and take a proactive approach to strengthening security and safety.

It comes as a simple add-on appliance compatible with existing IDIS network cameras and recorders, eliminating the need to implement complex analytics software or upgrade to edge cameras. Users can leverage their investments in various IDIS camera models by simply connecting the DV-1304-A to existing NVRs or adopt it as part of a next-gen IDIS end-to-end surveillance solution.

Customers benefit from intuitive management via the cost-free IDIS Center VMS with the scalability to analyze multiple channels simultaneously by connecting additional boxes to their choice of IDIS NVRs. The DV-1304-A is optimized to minimize storage and bandwidth requirements, while enabling highly efficient event search.

Highly Accurate Real World Performance

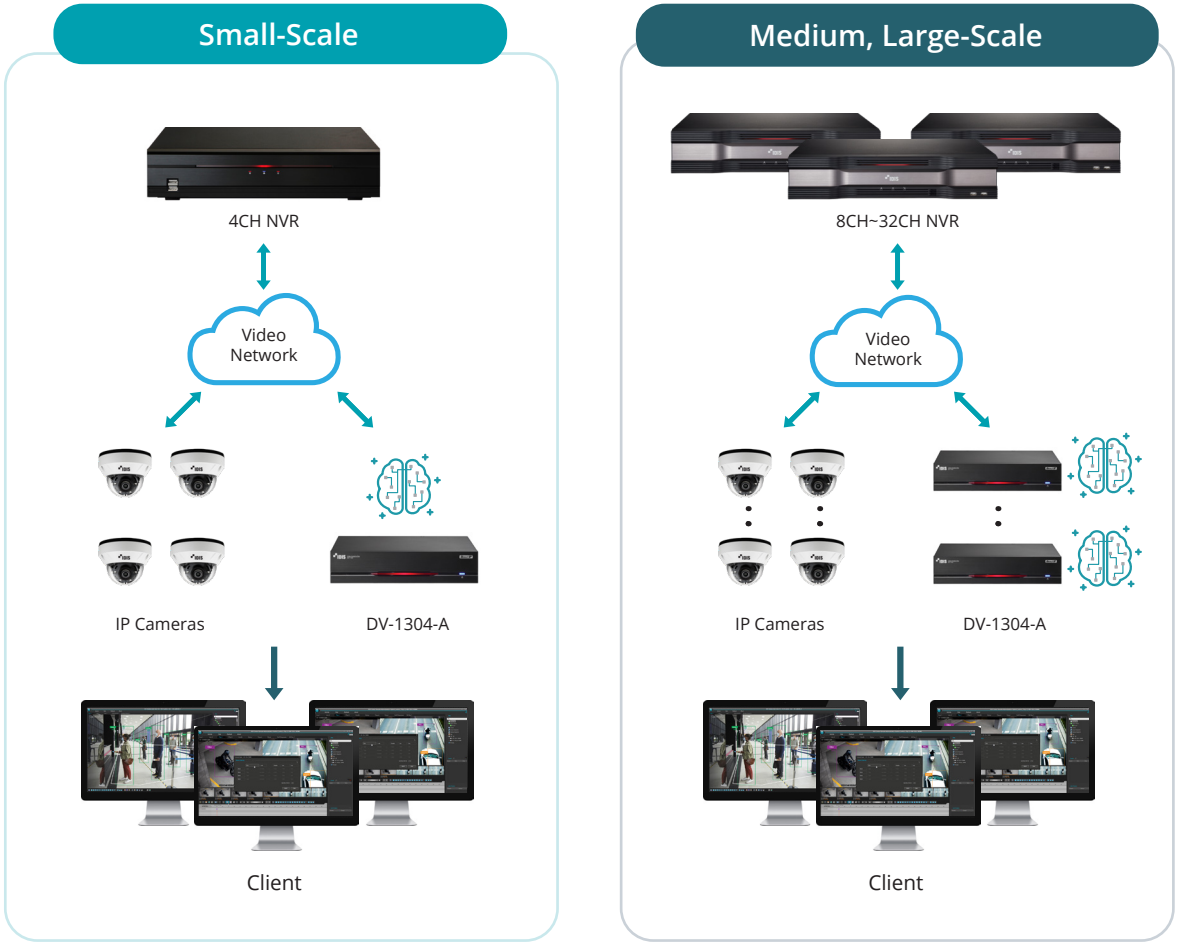
Single Box Packed with AI Functionality

DirectIP® DV-1304-A

No upfront or ongoing license fees

HUMAN
98%
HUMAN
98%
VEHICLE
94%
BIKE
98%

Affordable AI Box Designed to Meet The Demands of **Small to Large Applications**



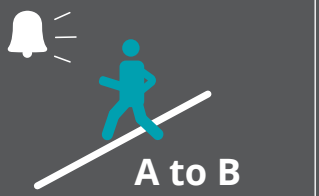
- The DV-1304-A is easily scalable to meet the needs of larger customers by simply adding additional appliances to existing systems.
- Users can analyze as many channels as they need by connecting more boxes to their choice of IDIS NVRs, using the simplicity of DirectIP plug-and-play protocols and configuration settings.
- Fully integrated into a single IDIS system the AI Box is easily configured and maintained with firmware updates via NVRs.

Video Surveillance

Essential AI-powered functionality that delivers real-time accurate alerts

Object Detection

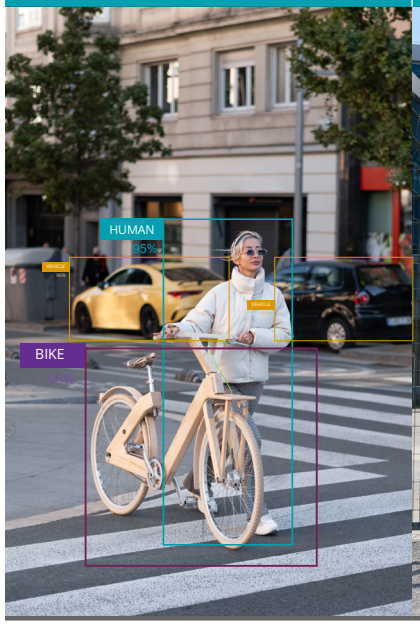
Intrusion

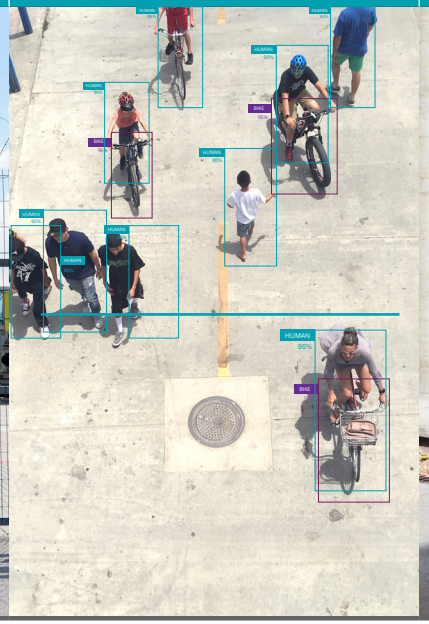


Line Crossing

Loitering

Face Detection





Add-On 4-Channel Surveillance AI Box

DV-1304-A

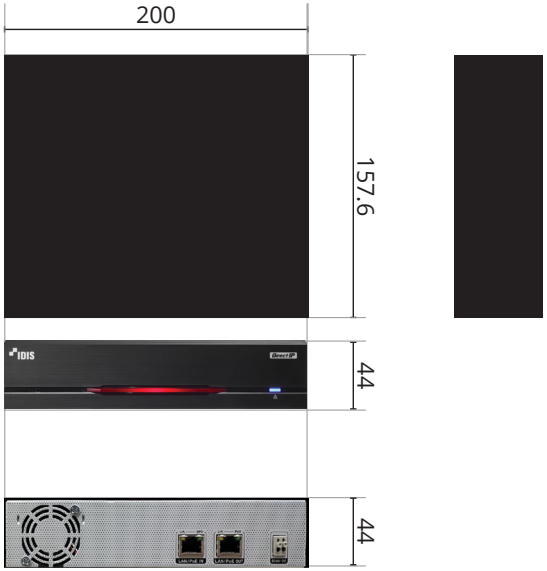
NEW

SPECIFICATIONS

DV-1304-A	
Video	
Video Inputs	4 IP Channels
Supported Device	DirectIP NVR
VA Support	Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
Networkw	
Video Compression	H.265, H.264
Network Connection	100 M Ethernet x 1 (100Base-TX) with PD 100 M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0% ~ 90%
Electrical	
Power Input	48 V=, PoE
Power Consumption	48 V=, 0.8 A, 38.4 W PoE, IEEE 802.3 at(Class 4), 25 W DC OUTPUT : 48 V=, 0.35 A MAX
Approval	FCC, CE, KC
Mechanical	
Unit Dimensions (W x H x D)	200 mm x 44 mm x 157.6 mm (7.9" x 1.7" x 6.2")
Unit Weight	0.88 kg (1.94 lb)

DIMENSIONS

(Unit - mm)



Add-On 4-Channel Surveillance AI Box

Packed with highly accurate, in-house developed AI-powered analytics

DV-1304-A

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