DV-1304 NEW

IDIS Deep Learning Analytics (IDLA)
Powered by the
IDIS Deep Learning Engine

NDAA Compliant

- Specialized in DirectIP NVR
- Supports 4ch IP Camera
- Powered by the most advanced IDIS Deep-Learning Analytics (IDLA)
- Supports People Counting and Occupancy Control
- Supports Queue Monitoring
- Supports Heatmap
- Supports Social Distancing Violation
- Supports Mask Rule Violation
- Generating real-time event notifications with high accuracy
- Live Occupancy Dashboard for display to keep capacity limits
- Dashboard Reporting of visitor flow, checkout traffic and compliance levels

All in one box containing all the functions necessary for retail, including quarantine management and insights necessary for store operation.

Occupancy Monitoring
- Using 4 cameras at entrances and exits allows for simple and real-time calculations to limit occupancy
- Occupancy dashboards display a 3-step traffic light image output to let customers know if they can in or wait without staff labor
- Customize with logos and other images.

Social Distancing
- This function detects distance between individuals and sends an alarm when a defined distance is violated
- Event notifications can be configured with audio alarms to issue verbal warnings
- Choose from five spacing sensitivity levels.

Que Monitoring
- Detects crowds in pre-selected zones and triggers event alarms should a bottleneck or overcrowding occur.

Face Mask Detection
- Users can choose to detect people wearing a mask or people who are not wearing a mask, and trigger event alarms accordingly.

Business Intelligence
 establish an optimal store operation strategy by identifying whether my marketing is effective, employees are working efficiently, and which shelves are crowded with people.

People Counting: Evaluate my sales promotions and merchandising by accurately and quickly collecting the number of customers visiting the store by time/day/month/year.

Que Monitoring

By measuring the time in the area where the customer is lining up at the checkout counter, an alarm can be given when the set time is exceeded, allowing additional staff to be placed in a busy place efficiently. Please reduce the customer's check out time to increase customer service satisfaction.

Heatmap

Intuitively, you can see the hot spots, dead zones, and bottomlenecks sections by showing colors where many customers stayed. Display new products/specialties most appropriately and evaluate their effectiveness.
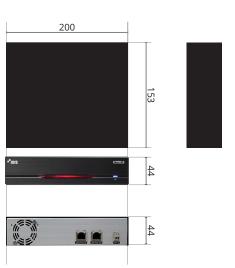
Analytic Report

Periodic analysis for each feature is available through the VMS report . You can check hourly and/or daily data in detail by simply entering a date and time. Industry leading simple and smart UI design is adpated.

SPECIFICATIONS

DV-1304		
SYSTEM	Video Compression	H.264, H.265
	Video Inputs	4ch IP
	Supported Device	DirectIP NVR
	Newtork Connection	Gigabit Ethernet x 1 (1000Base-T) with PD
		100M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)
	IDLA Processing Unit	Jetson (Tegra)
	Operating System	Linux for Tegra
	Processor	Jetson (Tegra)
	Memory	LPDDR4, 4GB
	Video Outputs	None
	USB	None
	VA Support	People Counting, Occupancy Control
		Queue Monitoring
		Heatmap
		Social Distancing Violation
		Mask Rule Violation
MECHANICAL	Unit Dimension (W x H x D)	200mm x 44mm x 152.3mm (7.9" x 1.7" x 6.0")
	Unit Weight	0.9kg (2.0 lb)
ENVIRONMENTAL	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Operating Humidity	0% to 90%
ELECTRICAL	Power Input	48V=, PoE
	Power Supply	ADAPTOR (INPUT : 100-240V~, 50/60Hz, 1.2A, OUTPUT : 48V=, 1.0A)
	Power Consumption	48V=, 0.8A, 38.4W PoE, IEEE 802.3at(Class 4), 25W DC OUTPUT : 48V=, 0.35A MAX
GENERAL	Approvals	FCC, CE, KC

DIMENSIONS

(Unit - mm)

200

153

44

44