

# DV-1304 NEW

## IDIS Deep Learning Analytics (IDLA)



Powered by the  
IDIS Deep Learning Engine



- Powered by the most advanced IDIS Deep-Learning Analytics (IDLA)
- People Counting and Occupancy Control
- Queue Monitoring
- Heatmapping
- Social Distancing Violations
- Mask Rule Violations
- Generates real-time event notifications with high accuracy
- Live Occupancy Dashboard to maintain capacity limits
- Dashboard Reporting for visitor flow, checkout traffic, and compliance adherence
- Rapid DirectIP plug-and-play installation
- A specialized NDAA-Compliant DirectIP NVR
- Supports 4-ch IP cameras




### Business Intelligence

Implement an effective strategy to continuously improve promotions, merchandising, store layouts, and staff deployment to increase sales and customer loyalty

<p><b>People Counting</b></p>		<p>Evaluate sales promotions and merchandising by accurately and quickly collecting the number of customers visiting the store by time, day, month or year.</p>
<p><b>Queue Monitoring</b></p>		<p>The DV-1304 calculates the time customers wait in line at checkouts, delis, or returns counters, generating an alarm when the number of people waiting exceeds a preset number of people, allowing additional staff to be deployed to improve customer service.</p>
<p><b>Heat Mapping</b></p>		<p>An intuitive series of colors ranging between red and blue, where red, yellow, and orange areas signal high customer dwell time, hot spots or bottlenecks, while blue and green signal low traffic area or dead zones. This allows store managers to adapt and improve the display of new products, promotions, shelving, and layouts and continually evaluate their effectiveness.</p>
<p><b>Analytics Reports</b></p>		<p>Periodic analysis for each feature is available through a simple report generated via video management software (VMS). An industry-leading simple and smart interface allows managers to check hourly or daily data in detail by simply entering a date and time.</p>

## COVID-19 Compliance

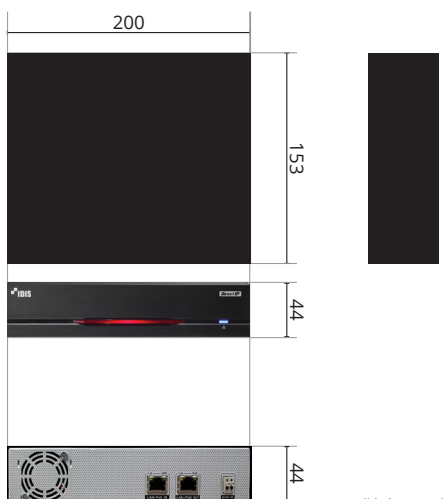
To support compliance with COVID-19 guidance or national mandates, the AI Box for Retail quickly and accurately monitors and triggers alerts for maximum customer capacity, overcrowding, social distancing, and correct mask wearing

<b>Occupancy Control</b>		<p>Using 4 cameras at entrances and exits allows for simple and real-time calculations to limit occupancy.</p> <p>Occupancy dashboards display a 3-step traffic light display to let customers know when it's safe to enter, eliminating the need to deploy staff at entrances.</p> <p>Displays can be customized with logos and images to drive sales of merchandise if customers need to wait in line.</p>
<b>Social Distancing Violations</b>		<p>Choosing from five spacing sensitivity levels this function detects the distance between individuals and sends an alarm when a defined distance is violated.</p> <p>Event notifications can be configured with audio alarms to warn customers of violations with verbal warnings eliminating the need for staff intervention and the risk of confrontation.</p>
<b>Mask Rule Violations</b>		<p>Users can choose to detect customers with or without mask and trigger event alarms accordingly.</p>

## SPECIFICATIONS

DV-1304			
<b>SYSTEM</b>	Video Compression	H.264, H.265	
	Video Inputs	4ch IP	
	Supported Device	DirectIP NVR	
	Network Connection	Gigabit Ethernet x 1 (1000Base-T) with PD	
		100M Ethernet x 1 (100Base-TX) with PSE (PSE need Adaptor)	
	VA Support		People Counting, Occupancy Control
			Queue Monitoring
		Heatmap	
		Social Distancing Violation	
<b>MECHANICAL</b>	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)	
<b>ENVIRONMENTAL</b>	Operating Temperature	0°C to 40°C (32°F to 104°F)	
	Operating Humidity	0% to 90%	
<b>ELECTRICAL</b>	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	
<b>GENERAL</b>	Approvals	FCC, CE, KC	

## DIMENSIONS



(Unit - mm)