



# NODE 4

Node 4 is the ideal solution for retail store size of 800 - 1200 square feet. Supporting up to 4 cameras, Node 4 is able to run up to 4 video analytics concurrently and store up to 30 days of video footages. All analytics data and event videos are synced to our hosted VAaaS cloud and you can review it whenever you need. Node 4 supports all of the current business and security intelligence analytics available, with more innovative analytics coming into our analytics store soon.

## BUSINESS INTELLIGENCE ANALYTICS



### PEOPLE COUNTING

Quantifies store traffic to measure sales conversion rate, and/or optimize staff allocation



### AUDIENCE PROFILING

Breaks down customer demographics, making selling more targeted



### CROWD DENSITY

Tells you areas in your store with greater activity, increasing visibility of promotions



### HUMAN TRAFFIC FLOW

Tracks visitors' paths, to best attract their attention through careful product placement



### AUDIENCE ATTENTION

Measures the attention captured and held to know the effectiveness of in store promotions

## SECURITY INTELLIGENCE ANALYTICS



### FACE INDEXING

Captures and indexes faces to reduce investigation time in case of theft or loss



### INTRUSION DETECTION

Allows defining of high security zones, and alerts you when intruders are detected



### PERIMETER DEFENSE

Prevents unwanted movements and alerts you if specific boundaries are crossed



### LOITERING DETECTION

Detects loitering activities by tracking the amount of time visitors spend in an area



### COUNT LIMIT DETECTION

Allows limiting of the number of visitors in an area and alerts you if that number is exceeded



### CAMERA TAMPERING

Ensures that cameras are working, by alerting if views are blocked or out of focus

## BUSINESS

The KAI Business Intelligence Analytics allow you to better target customers, improve store layout and display, forecast your merchandising and control your inventory.

## SECURITY

The KAI Security Intelligence Analytics detect and trigger alerts of potential threats, enabling immediate response and hence enhancing security.



4 CONCURRENT IP CAMERAS



4 CONCURRENT VCAS



30 DAYS RECORDING



ON-CLOUD EVENT VIDEO ARCHIVE

For enquiries, email us at: [contact@kaisquare.com](mailto:contact@kaisquare.com)

<http://vaaas.kaisquare.com>




VIDEO ANALYTICS  
AS - A - SERVICE

A KAI Square Business Product




# SPECIFICATIONS


Included Per Set	Node 4 x 1pc IP Camera x 4pc PoE Switch x 1pc Accessories
Form Factor	Bare bone
Operating System	Linux
CPU	Intel Dual Core Celeron 1.1GHz
Memory	4GB
No. of Supported Cameras	4
No. of Concurrent VCAs	4
No. of Supported VCA	Business Intelligence: <ul style="list-style-type: none"> <li>▪ People Counting</li> <li>▪ Audience Profiling</li> <li>▪ Crowd Density</li> <li>▪ Human Traffic Flow</li> <li>▪ Audience Attention</li> </ul> Security Intelligence: <ul style="list-style-type: none"> <li>▪ Intrusion Detection</li> <li>▪ Loitering Detection</li> <li>▪ Perimeter Defense</li> <li>▪ Count Limit Detection</li> <li>▪ Camera Tampering</li> <li>▪ Face Indexing</li> </ul>
Storage	Storage Duration: 30 Days 1 x 2.5" SATA II 1TB
Supported Resolution	<u>Recording</u> VGA / H264 / 30fps <u>Live view</u> QVGA / H264 / 30fps
Network Interface	Support IEEE 802.11 b/g/n Gigabit LAN port
Working Environment	0 - 40 celsius 10-90% R.H.
Certification	CE/FCC CCC (POWER)
Power Supply	Input : AC 100 -240V
Dimension	190x135x25 mm
Net Weight	449g

 **H.264** High Profile / MJPEG Dual Compression

 **Noiseless** for a more enjoyable working environment

 **Tiny** in size to reduce space requirements

 **Energy Saving** for better performance with lower power consumption

 **Support iPhone® and Android® streaming** for monitoring at anytime and anywhere

 **Power-over-Ethernet** IEEE 802.3 af for simplified connection

 **Storage** for up to 30 days



**ONVIF**  
compliant

## Singapore (HEADQUARTER)

📍 33 Ubi Avenue 3, #03-39  
Vertex Tower A,  
Singapore 408868

✉ enquiry@kaisquare.com  
sales@kaisquare.com (Sales)

☎ Tel: +65 6634 8809  
Fax: +65 6634 8839

## BEIJING, CHINA (RESEARCH CENTRE)

📍 Room 3020,  
Chuang Xin Building,  
No. 101 South Road of West  
4th Ring,  
Feng Tai District,  
Beijing, China, 100070

☎ Tel: +86 10 6379 1098  
Fax: +86 10 6379 0598

## SUZHOU, CHINA (CHINA SALES OFFICE)

📍 Room 335, Public Academy, No. 377  
Linqun Street, Science and Education  
Innovation District, Suzhou Industrial Park,  
Suzhou, Jiangsu, China, 215123

✉ sales-cn@kaisquare.com

☎ Tel: +86 512 6285 3755  
Fax: +86 512 6285 3756

## TAIPEI, TAIWAN (TAIWAN SALES OFFICE)

📍 7F, No.21-1, Nanyang Street,  
Zhongzheng District,  
Taipei City, 10047,  
Taiwan, R.O.C

✉ sales@kaisquare.com.tw (Sales)  
business@kaisquare.com.tw (Business)

☎ Tel: +886 2 2388-6323