



NUUO Retail IVS Solution

Jump Start Your Revenue

Already have a surveillance camera in store?

Turn it into a profitable tool today

Server Side Analytics

Low Resolution Requirement

Formatted Spreadsheet Reports

FIND
OUT
MORE

Lock On Your Profit

NUUO IVS is our server side retail video analytics solution. Complete with important functions sure to improve your business revenue. Receive detailed report on customer behavior and merchandise popularity. Join smart retail owners and find out what NUUO IVS can do for you.



Precise Recognition

Experience accurate, precise video analysis with NUUO IVS. With image resolution requirement as low as NTSC (352 X 240) standard, almost any surveillance camera can be used as an intelligent profit analyst.



Server Side Analytics

NUUO IVS is installed on server side. This means no matter what camera you use, the video analytics function is always ready, always available. Supports over 2000 cameras from 120 makers.

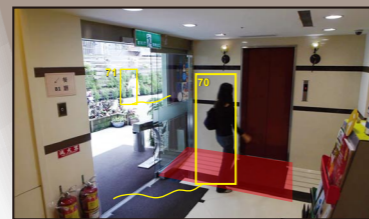


Customer Counting



Easily turn your existing cameras into a valuable business tool. Using NUUO IVS, you can find out each individual store location performance. Easily monitor customer flow and track seasonal performance.

Hot Zone & Red Zone



Set up detection zones to protect your valuables and monitor VIP traffic. NUUO IVS boasts sharp, pin-precise detection algorithm which allows for flexible uses. Manage VIP client area, monitor important store items, or set off-limit zones. The use for zoning is limitless.

BUSINESS CHANGING BENEFITS

IVS Video Analytics

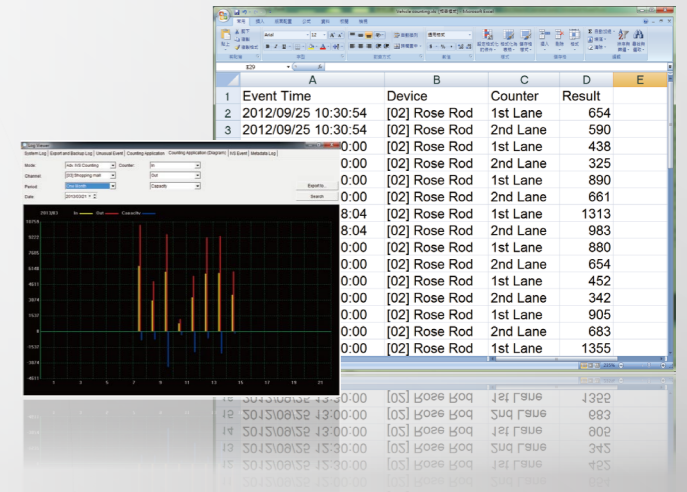
Presence Detection



Proactively enhance security with presence detection and directional travel alert. NUUO IVS can alert you when there are unwated presence during predefined zone or hours, and you can even instantly recognize the direction of travel.

Clear Detailed Report

Reports are generated in formatted Microsoft Excel format for detailed reporting and analysis later.



Positive Impact With IVS

Our retail clients in Thailand have adopted NUUO IVS solution since 2012, deploying high megapixel cameras in the 1.3 to 2 megapixel range and utilizing NUUO Retail IVS Solution in conjunction with NUUO Mainconsole. By using IVS functions such as customer counting and zoning, our clients were able to plan and regulate seasonal mall traffic flow. The precise tracking provided by NUUO IVS solution also made alerting security to any suspicious individuals or inappropriate behavior on the premise an easy task. By using NUUO IVS product, our clients were able to create a very comfortable and safe shopping experience for their customers and made retail profit report generation simple and effortless.



Client Case Study

NUUO Retail IVS Main Advantages

- Low resolution NTSC (352 X 240) compatible
- Formatted Excel .xls report
- Supports over 2000 cameras
- Compatible with IP cameras and analog cameras
- Compatible with existing NUUO Mainconsole
- Server-based recording transcoding & boosting recording
- Instant alarm notifications
- Intelligent event search with video
- Scalable & flexible license
- Low CPU consumption
- Intuitive and unique 3D grid calibration
- 40 detection zones and tracks up to 100 targets per camera
- Thermal camera & low lighting environment compatible

IVS Packages

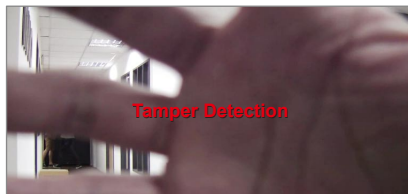
Part Number / Function	SCB-IP-P-IVS COUNTING	SCB-IP-P-IVS SURVEILLANCE	SCB-IP-P-IVS ADVANCED
People counting	◆	-	◆
Vehicle counting	◆	-	◆
Stabilizer	◆	-	◆
Tamper Detection	◆	◆	◆
Presence	-	◆	◆
Appear and disappear	-	◆	◆
Enter and exit	-	◆	◆
Dwell	-	◆	◆
Stopping	-	◆	◆
Tailgating	-	◆	◆
Direction	-	◆	◆

Design Highlights



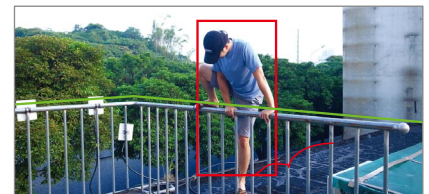
People Counting

Includes bi-directional filter suitable for counting people in busy doorways and entrances.



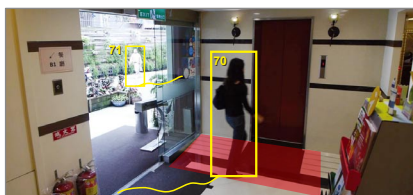
Tamper Detection

Detects any event that significantly changes the field of view of the camera.



Presence Filter

Detects when an object or individual has penetrated the defined perimeter.



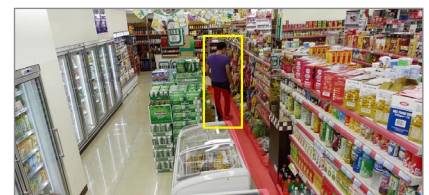
Appear and Disappear

Detects people appearing or disappearing through a doorway but ignores people passing by in front of the doorway.



Enter and Exit

Detects objects crossing from outside to the inside of a detection zone or vice versa.



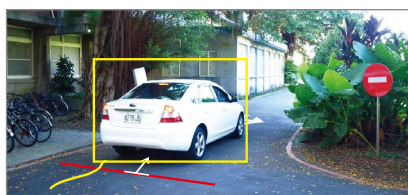
Dwell

Detects objects that linger inside a zone for longer than the pre-defined period of time.



Stopping

Detects objects that stop inside a zone for longer than the pre-defined period of time.



Direction

Detects the direction of travel of objects in the defined zone area.



Stabilizer

Compensates for any movement such as shaking to provide a clear view in environments where camera stability is an issue.