

VIA

- By analyzing the instant image(s) to judge any pre-defined scenarios if any one of the objects meets the condition(s) of event(s)/scenario(s) to be triggered.
- The analytic process can be done in back end IVA/IVS server or on IP camera itself as edge solution. It is a comprehensive data process, filtering out useless or interference in the image information before analyzing the image, making surveillance cameras like a person's eyes.
- IVA method is used in monitoring “event messages” instead of “ video or recorded images” .

Why Use Video Analytics?

Reduce network load and storage needs

- Optimized video surveillance, lower bandwidth and storage requirement

New Business opportunities

- Integrate with other application

Faster retrieval of stored video

- Event base data base

Efficient use of manpower

- Improve surveillance efficiency

Intelligent Video Analysis

Keep your environment safe & secure with minimized Security Guard



Cross Line



Restricted Area



Abandoned



Loitering



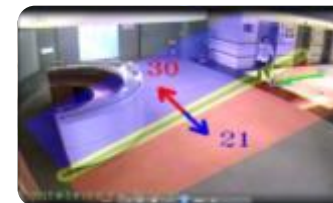
Missing/Stolen



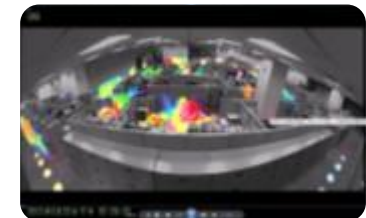
Wider Area – one 360° camera



IVA System Scenarios



Counting



Hot Spots
Motion Statistics

Applications

Security 、 Intrusion Detection

- Campus virtual fence
- Office 、 Factory intelligent security detection

Access control

- Smart Access control
- Face recognition 、 People tracking
- Facility security 、 Loitering Detection

Business Intelligence

- People counting 、 Age/Gender detection
- Flow control 、 Queue detection

Smart Transportation

- Traffic flow counting 、 Car tracking
- License plate recognition 、 Parking recognition
- Heavy vehicle illegal behavior recognition

