



## Applications



### AB Box

#### Video Analytics System

AB Box detects objects on the scene, calibrates their size, movement, direction and trajectory, and, based on defined areas in the configurator, recognize if these objects in their movement cross these areas or not, and if so, events and alarms are generated.

AB Box is hardware and software *packetized solution* based on e-netcamANALYTICS Basic that enables *detecting, verifying, recording and acting*, allowing decision making in real time. AB Box is the definitive solution to false alarms from movement, and trajectory, "virtual area" or transition lines on images from cameras identification that may be located in the perimeters of the areas to be patrolled.

AB Box is perfect for detecting vehicles that park in restricted areas, drive in the opposite direction, to detect hold-ups or stopped vehicles on hard shoulders.

AB Box identifies the trajectory of people on the roads, pavements, platforms, establishments, etc. and generates events by the predefined protocol.

#### Application environments

- Airports, as perimeter protection and accessory to the video and alarms
- Ports and marinas, to protect and detect boats
- Industrial and production plants
- Factories, industrial and business sites
- Schools, universities and nurseries
- Hospitals and health centres
- Public and private parkings
- Agricultural fields
- Solar panel installations
- Refineries, nuclear power plants
- Motorway, roads and streets

LEADING IP VIDEO





## AB Box

AB Box is the best option for advanced motion detection outdoors and indoors.

### Functions

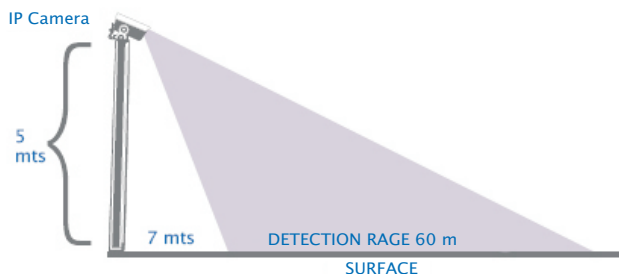
- Person who cross a road, solar fields, railway tracks, runways, building security areas (industrial, government, army), intrusion detection intrusions
- Objects leaving a trajectory
- Person, object, vehicle that leaves an area (suitcases on a conveyor belt, waiting rooms, car parl)
- Movement in the opposite direction (people leaving a building through a non-authorized area, vehicle in wrong direction, etc.)
- Person, object, vehicle that crosses a virtual line (check-in desks, perimeter fences, vehicles in controlled areas)

### Compatibility

- Axis, Bosch, Mobotix, Panasonic, Sony, Cisco, Pelco, Equitel, etc...cameras and encoders

### Installation example

- PAL/VGA camera
- Camera height 5 metres
- With 8m optics, the object detection range is from 7 to 60 metres



### Advantages

- Cheap to purchase and maintain
- Easy and quick start up, without expensive works or investment in wire fences, fences or any other type of perimeter detection
- Easy to CHANGE "fence" layout, it will only be necessary to change the camera images. This is not possible in physical detection systems
- Efficiency even in adverse conditions (storms, rain, fog, night)
- Possibility of remote access for system Display, Supervision, Management and Configuration
- Alarms by SMS
- Tampering (alarms from sabotage)
- Integration with IP video solutions, (e-netcamCLIENT), automatic number plate recognition (e-netcamANPR), counting people and objects (e-netcamCOUNTER), etc...
- Complete free development and integration tool package called "SDK's"

### Specifications and Components



Management Soft.	● e-netcamCLIENT
Analytics Software	● e-netcamANALYTICS
Processor	● Intel QUAD-Core 2.4 GHz
Memory	● 1 GB
HD Capacity	● 500 GB
Operating System	● Windows XP Pro
No. of Channels	● 2 up to 6
Measurements	● 445x420x150 mm
Weight	● 12 kg

Packetized Solutions available,  
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