

DESCRIPTION

- ❖ The system displays IN and OUT count of vehicles at defined ENTRY and EXIT points.
- ❖ It also provides occupancy control by displaying the premise availability at any given point in time.
- ❖ This is helpful in taking actions when the number of vehicles exceeds a defined limit.
- ❖ Vehicle Counting reports can be generated in both graphical and tabular form on a daily, monthly or yearly basis.



BENEFITS



Efficient Manpower
Management by Identifying
Peak Hours



Optimizing Parking Space
by Automating Occupancy
Control



Quick Investigation
with
Pictorial Reports



Improve Business Revenue
by Preventing Losses due to
Manual Manipulation

APPLICATIONS

Organizations having huge number of vehicles coming and going throughout the day, like retail stores, Multi National Corporates and hospitals can make the most of Matrix SATATYA Vehicle Counting solution. Its main application lies in automating parking by displaying the premise availability count.

For example, there is a basement parking in a retail store. The parking area has a capacity of 40 vehicles. It becomes complex for a security guard at the entrance to know the premise availability in the basement. Extra manpower would be required in the basement to notify the security guard regarding available space status. This process is tiring and includes additional overheads.

With Matrix SATATYA Vehicle Counting solution, the count of vehicles entering and leaving the premise will be displayed on the security guard's system at the entrance. The number of vehicles in the parking space at any given point of time can be known. Hence the security guard can allow/disallow further vehicles into the parking area based on the maximum available space. Parking area can thus be efficiently optimized with this.

CAMERA INSTALLATION



- ❖ Camera height should be approximately 10ft for better field of view
- ❖ Place the camera at a 45° angle from where vehicles are entering.
- ❖ Configure the size of a vehicle in Vehicle Counting function as per the width of the vehicle.
- ❖ Make sure there is no obstruction between the vehicle and camera in the counting zone.
- ❖ There should be enough lighting condition.

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