Achievements, Awarded & Accreditation

“We awarded and accredited by Dubai police UAE., for our excellent support around all the traffic department solution-DUBAI POLICE”

“We are Proud to say here that we are certified company by UAE Gov. For all the solution we given to UAE Traffic department”

“Sharjah and Ajman Police UAE., also honored our strength and excellence “
YAS PROFILE

We provide a wide range of services to many of the traffic departments in the country and region. We are leaders in speed monitoring, but our activities encompass a much wider range of disciplines.

This profile will tell you all about them - and the values we bring to our work and, most importantly, to our clients.

Our Activities

We operate across a wide range of disciplines
Traffic monitoring
Weight load scales

Speed Radars (Fixed, Mobile, and Red Light crossing systems)
We advise and design. We manufacture systems. And we install, commission, manage and maintain them.

Service is the core skill in this business. We recruit the best people - and then we give them specialist training above the average UAE as well as Middle East norms. Naturally this covers product and technical knowledge, but it also extends to service, project management and commercial skills. We support our customers with leading edge equipment as well as service and project management software, and we give them the responsibility and autonomy to make sure we meet your needs. First time, every time.
SUMMARY

We provide a wide range of services to many of the traffic departments in the country and region. We are leaders in speed monitoring, but our activities encompass a much wider range of disciplines. This profile will tell you all about them - and the values we bring to our work and, most importantly, to our clients.

Our Organization and Services

Yas Electronic Systems operates from our Sharjah UAE facility and is focused on the provision and support of Traffic Systems. Services include consulting, design, installation, maintenance and support.

Why Yas Electronic Systems?

So often it’s hard to discern the difference between one supplier and another.

But we believe we offer a real difference that’s based on the understanding that many clients want quality, service and integrity - as well as a competitive price.

To deliver this, we focus on people, quality, innovation and the added value that we can deliver as a Group.
Services

Yas Electronics System designs, supplies, installs, commissions and maintains:

Traffic monitoring
Weight load scales
Speed Radars (Fixed, Mobile, and Red Light crossing systems)
All type of security cameras for indoor and outdoor as well as police car 360 degree cameras

Additionally we provide software and hardware services covering all of the above and the wider range of support services normally required in modern traffic monitoring & traffic management department.

Our Clients

Dubai Police
Sharjah Police
Ajman Police
Royal Oman Police
Ras Al Khaimah Police

After Sales Technical Service & Repair

Our workshop facility caters for all types of service, repair, software and firmware up-grades and local product development. Specific servicing requirements can be matched to your demands.
About System Specification

Main features

*When system start up its check up all the components efficiency of the system and status of system to run.*

**System can be run continuously even 24*7**

*System is running on the combination of hardware and software*

*System stop automatically when accident happened and before stopping the same it could record the video until the accident happened and also intimation would be transferred to the central station*

*System could be monitored wirelessly by dedicated unique software gateway*

*Also system recording each progress and process as a log file where we can see the violation and system faulty status and system running time etc.,*

*Each violation carries all type of characteristics like speed, type of vehicle, lane, volume etc.,*

*System capable to scan speeds of vary type of objects like car, motorcycles ,truck ,living things*
Cameras

System contains 1 to 4 HD camera units with high resolution
Camera counts are differ according to the number of lanes
 meanwhile each camera has capable to cover 3 lanes
Camera could capture a perfect realistic images when the
trigger point of the vehicle is between 25m to 70m
Camera eye could see clear view of surrounding place of view
and also camera can capture 4 images/sec
Camera can capture the vehicle clearly even its going beyond
300+ km/h
Average size is 700kb per image
Cameras can be integrated with flashes when there is less light
System is implemented with HD VIDEO CAMERA as an optional
evidence for the violation and accident . Its depends on the site
System has special camera that able to read plate number of
any vehicle this feature is for detecting wanted vehicles also
which is suspected for crime or traffic misbehavior everything
by automatic
Images

*Digital HD clear and color photos*

- Clean plate number even in the complete dark
- Clean vehicle view even in the complete dark

*Image are compressed without affecting its quality by our dedicated software*

Videos

*HD video with large resolution*

- Video that gives a clear view of number plate and also looks of the vehicle

*Clear recording even in day and night*

- Video could be compressed without affecting its quality by our dedicated software

*Average video size is 14mb*

- The video length is 10 sec as a default (5 sec before the offence trigger and 5 after the offence)

*It able to increase and decrease from 2 to 60sec*
Protection and Security

System has built in alarm system which designed to act against accident and rising the heat

If any security issue occurs system will intimate directly to the central station by GSM or internet

Sound alarm system is declared when the crash occurs to the system

Nobody can change the triggered images which is stored Digital encrypted technology that we used on system to prevent deleting or modifying

Complete data can be recovered by dedicated software if somebody accidentally deleted

System can be login only by pre authorized persons

Communication to the system

System could be communicated by the cable or wireless or over internet

There is three level of established communication to the system that Administrator, Operator, User

Each level of connections is secured by passwords

System is ready to move the picture and video that could be uploaded to local sever by internet or if GSM available then same can be done over GSM also
System trigger speed can be adjusted anytime from the central station over internet

Also all the system in a city/region/country can be connected in a single server and each system has capable to communicate at any needs

Overview

Also location of the system can be monitored over internet by the built in 360 degree camera

Transferring the violations to central server for every certain period

System can cover both approaching and departing side in a same time

Meantime each side system can cover up to 6 lanes

A single system that can capture violation for red light crossing and speed and tailgating

Each system can be named as unique

Each violation carries lane and speed and time date and location and type of violation

System can be used for specified size vehicle ban like container carrying vehicle or truck

Speed limit can be vary for different lane and also different type of vehicle like bike, car, truck
Sensor is very accurate and modern that can read the car speed even when the car is 200 meter away

System also can be captured When the vehicles are crossing yellow lane on the road

System can ban some type of vehicle for certain lanes

**Trigger Test**

When the system is installed or when in need we can make test mode to make it sure system is in perfect condition when we make test mode, system full give complete report about every device also one sample image and video

Live streaming video can be seen

**System Environment**

System can be work in all type of weather condition

Range of operative temperature of system is -10 to +70c

Complete system can run on solar green energy

**Structure**

Iron pole design with complete anticorrosion technology

Water isolation

Fire resistance

Color of the system is optional
Inserting Software

Easy and user-friendly software

Satisfied with the requirements of central software insertion UAE

Software can be chained all the system into the central hub server

Generating general statics report and auto update fines and processing fine in the DB

A complicated background with simplified user end interface

Country of Manufacturer

Germany (based electronics component, Operating Software)

United Arab Emirates (based assembling, managing and product development)
Smart Automated-interconnected Network Project

All the police cars are connect each other by 3G network as well as all the cars can be monitored and commanded from the central police station by internet.

When central station receive emergency call then they track by one click which car is near to the location where emergency occurs so central station easily transfer message to the near police car to save the time and save the people.
Also each cars carry 360 degree camera on the roof of the car so that when the police needs to make record anything surrounded then he can take video by one click example accident or investigation or everything it can be done easily then video will store along with the GPS location and date time.
Few Hints

The systems that shown in images are designed, manufactured and colored according to the GULF countries weather conditions & rules.
The systems will be developed and designed according the client desire like language, design, materials, colors, software etc.

This catalog is only for reference to know about us and it perhaps doesn’t include our complete projects and activity

We are always looking forward for personal presentation of our products, services and solutions.

Contact

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