MANAS AUTOMATION

SECURITY SYSTEMS



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SECURITY SYSTEMS



MANAS AUTOMATION

Manas Automation About Established in 2010, our company is engaged in the sales, service and spare parts business of security systems , mushroom barriers, generators, compressors, hydraulic and pneumatic systems air driers and pneumatic centrifugal machines.

YERLİ ÜRETİM

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ROAD BLOCKER

High security level Road Blockers, are manufacturing with high tech engineering. Specifications can be change according to the customers requirements and custom designs areavailable. These products are operated with different performing systems;



Hydraulic, PLC Controlled Electromechanical and Manuel Systems are also available Road blockers are designed especially for enterance points which have a threat of vehicle attack or for the ones that have high security requirements. If there is a threat of vehicle attack in addition to the control of vehicle access in high security applications, hydraulic road blockers are the unique solution and the most secure systems. Even though the attack is from high tonnage vehicles with high .



Even though the attack is from high tonnage vehicles with high speeds, it's not possible for the vehicle to keep on moving because of the damage given to front, wheels , rims and the bottom of the vehicle Finite element model analyses are available upon request. Drive unit is electro-hydraulic, but in a case of power failure road blocker can be operated manually with a manual hand pump.

Typical operating (opening /closing) time is 3 seconds. In a case of emergency, the operating (opening/closing) time can be in 1.5 seconds. With the help of PLC (programmable logic controller), opening/closing functions can be achieved by every kind of card readers, biometric readers like fingerprint or hand shape, radio control, on/off key switch etc. Besides, safety accessories like photocells, inductive loop detectors, flashing lights or red/green traffic lights can be integrated to the system very easily. Typical weight of a road blocker is 2-2.5 tons.

ROAD BLOCKER

The road blocker system designed and manufactured by Manas Automation with advanced technology is of smooth quality in stopping the passage of the vehicle.







SURFACE MOUNTED HYDRAULIC MOBILE ROAD BLOCKER



- *It is used in places requiring high security.*
- *It is resistant to all kinds of impacts.*
- *İstenilen Ölçülerde Özel üretim yapılır*
- *Special production is made in desired dimensions.*
- *Optional red-green traffic light*
- *Photocell loop detector security sensors*
- *Compatible with all types of ACCES information.*

Surface Type Road blockers are designed especially for entrance points which have a threat of vehicle attack or for the ones that have high security requirements. If there is a threat of vehicle attack in addition to the control of vehicle access in high security applications, hydraulic road blockers are the unique solution and the most secure systems.
Even though the attack is from high tonnage vehicles with high speeds, it's not possible for the vehicle to keep on moving because of the damage given to front, wheels and the bottom of the vehicle.



A surface type road blocker is installed directly on the road, therefore it does not need any excavation or civil works.. Finite element model analyses are available upon request. Drive unit is electro-hydraulic, but in case of power failure road blocker can be lowered or lifted manually with the help of manual hand pump. Typical raise/lower time is 3 seconds. In case of emergency, raise/lower time can be as low as 1.5 seconds. With the help of PLC (programmable logic control), raise/lower function can be achieved by every kind of card readers, biometric readers like fingerprint or hand shape, radio control, on/off key switch etc.

Besides, safety accessories like photocells, inductive loop detectors, flashing lights or red/green traffic lights can be integrated to the system very easily. Typical weight of a road blocker is 2-2.5 tons (depending on road blocker type)

AUTOMATIC HYDRAULIC & FIXED BOLLARD K12 CRASH TEST CERTIFIED

Automatic bollards power operated in single or multiple units with a common drive unit. The standard blocking height above surface level ranges between 500 mm to 1000 mm. Fixed type of bollards are designed according to the customers requirements. Custom dimensions are available. This range of bollards is ideal for pedestrian zones in the city, fuel pumps as well as for security purposes in front of important buildings .Manas Otomasyon retractable security bollard is an automatic product that provides exceptional flexibility in appearance and functionality.

It works with 380 volt energy. It keeps the safety and usage at the highest level with the photocell and metal mass detector. Blocks can be produced in desired height and color. It is compatible with all kinds of Access control systems with microprocessor control panel.

- *Hydraulic Fixed Bollard*
- *Pneumatic Fixed Bollard*
- *Electro-Mechanical Fixed Bollard*
- *Manuel Fixed Bollard*
- *Sabit Mantar Bariyer*





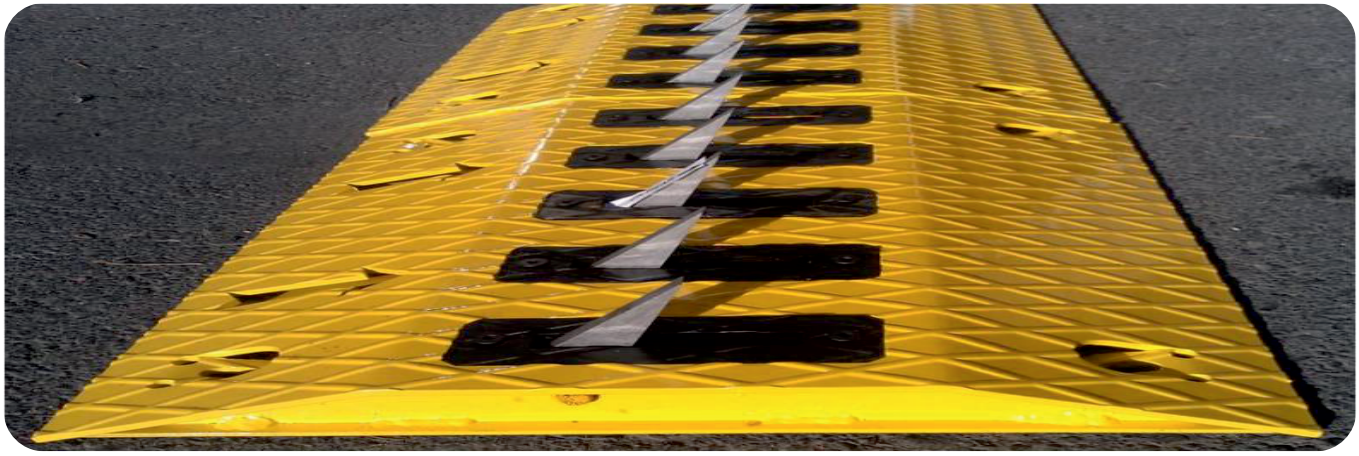
ARM BARRIER





It is usually used in car parks or in facilities requiring high security. Applicable product options are available for all input-output operating densities. It is resistant to environmental conditions. With the right choice of product, a working temperature range of -30 ° C to + 55 ° C can be achieved. The barrier opening time varies between 1 and 10 seconds depending on the arm length and the selected mechanism. Available in 24 V or 220 V operating range. Supply and installation time varies between 2 and 6 working days, depending on the product specifications requested. The desired color can be manufactured.

MECHANICAL AND AUTOMATIC TYRE KILLERS SPIKE BARRIERS



MANAS Tire Killer is a heavy duty anti-terrorist vehicle barrier which will destroy the tyres and rims of, and totally disable any intruding vehicle. It consists of a fully hot dip galvanised steel frame with a row of special hardened teeth which are raised and lowered manually or by an electric motor in a few seconds. MANAS Tire Killer is permanently installed in a reinforced concrete foundation, powered by an electric motor.

The Tyre-Killer TK is produced in widths from 2 meters up to 6 meters in 350mm increments; the special hardened spikes rise 110mm above the road surface when the device is activated. If a much wider entrance needs to be protected, several Tyre-Killers can be installed next to each other to provide effectively a single extremely wide anti-terrorist barrier. The modular construction of the Tyre-Killer means that standard components can be used to keep production times and costs down.





HIGH SECURITY LEVEL SLIDING DOORS K12 CRASH TEST CERTIFIED

Mass Housing, Workplace, Factory etc. the control of vehicle passages in places can also be provided by the automation of existing sliding doors. According to the moving wing weight of the doors (300/5000 kg), standard manufactured motors are sold as a set.Besides standard speed engines, they are available on specially manufactured very fast engineso

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All dry contacts are compatible with microprocessor architectures. The gates can be made with rails (sliding type on rails) or with special walking sets (sliding on air). Photocell and Lab Detector can be used to ensure safety. The flasher warning lamp indicates that the door is in motion.



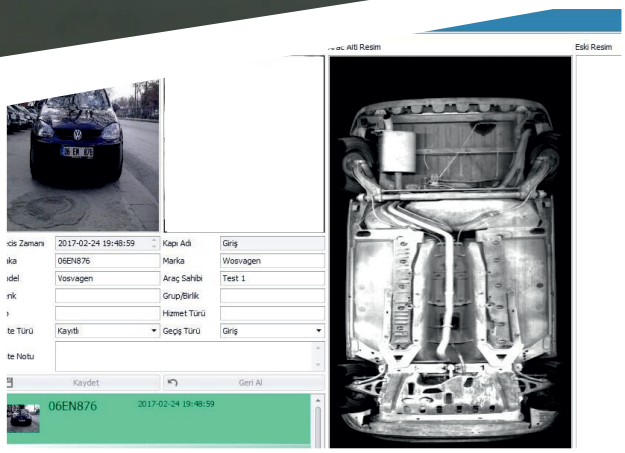




Electrically and hydraulically operated steel sliding doors. In addition to standard speed motors, it is also available in specially manufactured very fast motors. It has motherboards designed in microprocessor architecture compatible with all dry contact information.

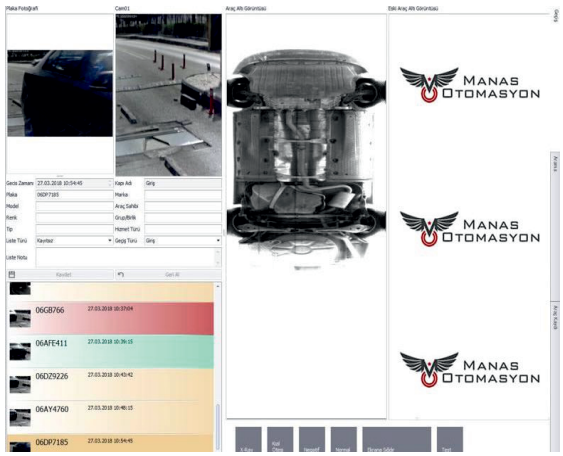
UNDER VEHICLE SURVEILLANCE SYSTEM - UVSS - UVIS

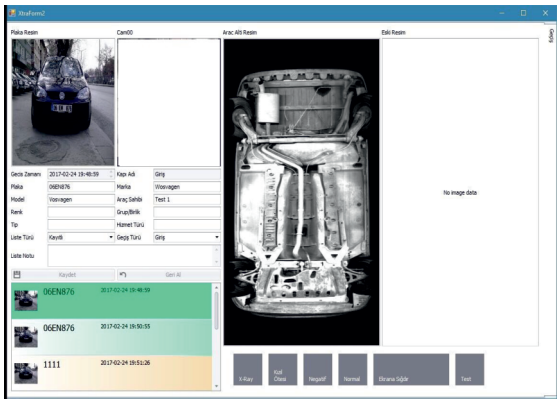




Under Vehicle Surveillance System (UVSS) is a system that automatically scans and digitally captures a clear image of the car undercarriage to locate explosives, guns, attached packages and other foreign objects. The UVSS are usually used at law enforcement buildings, military installations, airports, port facilities and other areas with demanding security precautions. under vehicle scanning system

UNDER VEHICLE SURVEILLANCE SYSTEM - UVSS - UVIS





The captured car plate numbers are then transferred to the Computer Monitoring Station on the LCD screen. Hence, the entry vehicle's information such as car plate number, date and time of entry would be saved within the database. In the future, security officers can search for undercarriage images based on the car plate numbers or date and time of entry.

The systems are available in various specifications ranging from advanced digital linear systems with colour linear scan cameras, image zoom, and number plate recognition features to the budget video recording systems with simple recording functions.
The product enables detection of any foreign bodies in real time eg. Explosives, arms, contrabands etc. that might be hidden under the underside of a vehicle. The system can be further integrated with any other security devices like boom barriers, tyre killers, bollards, spikes, Smart Card/RFID based access control systems, etc. so as to provide a complete premise security solution.under vehicle inspection system Features: Is an intelligent linear scan vehicle inspection system build to screen the underbodies of different vehicle types in seconds Transmit a high resolution undercarriage image to the computer for immediate review Is more than just a camera system, has intelligence software embedded with unique operation features and vehicle access database Has image zoom functions for easy identification of threats Scans vehicles traveling at different speed Can be operated in various environmental conditions.
Automatic License Plate Recognition System (ALPR)
The Automatic License Plate Recognition System is used to capture entry vehicles' car plate numbers. under vehicle scanner and plate recognition systems As the vehicles triggered the Loop Sensor, the UVSS and Automatic License Plate Recognition System would be activated and images of the undercarriage and license plates are captured respectively.

LICENCE PLATE RECOGNITION SYSTEM

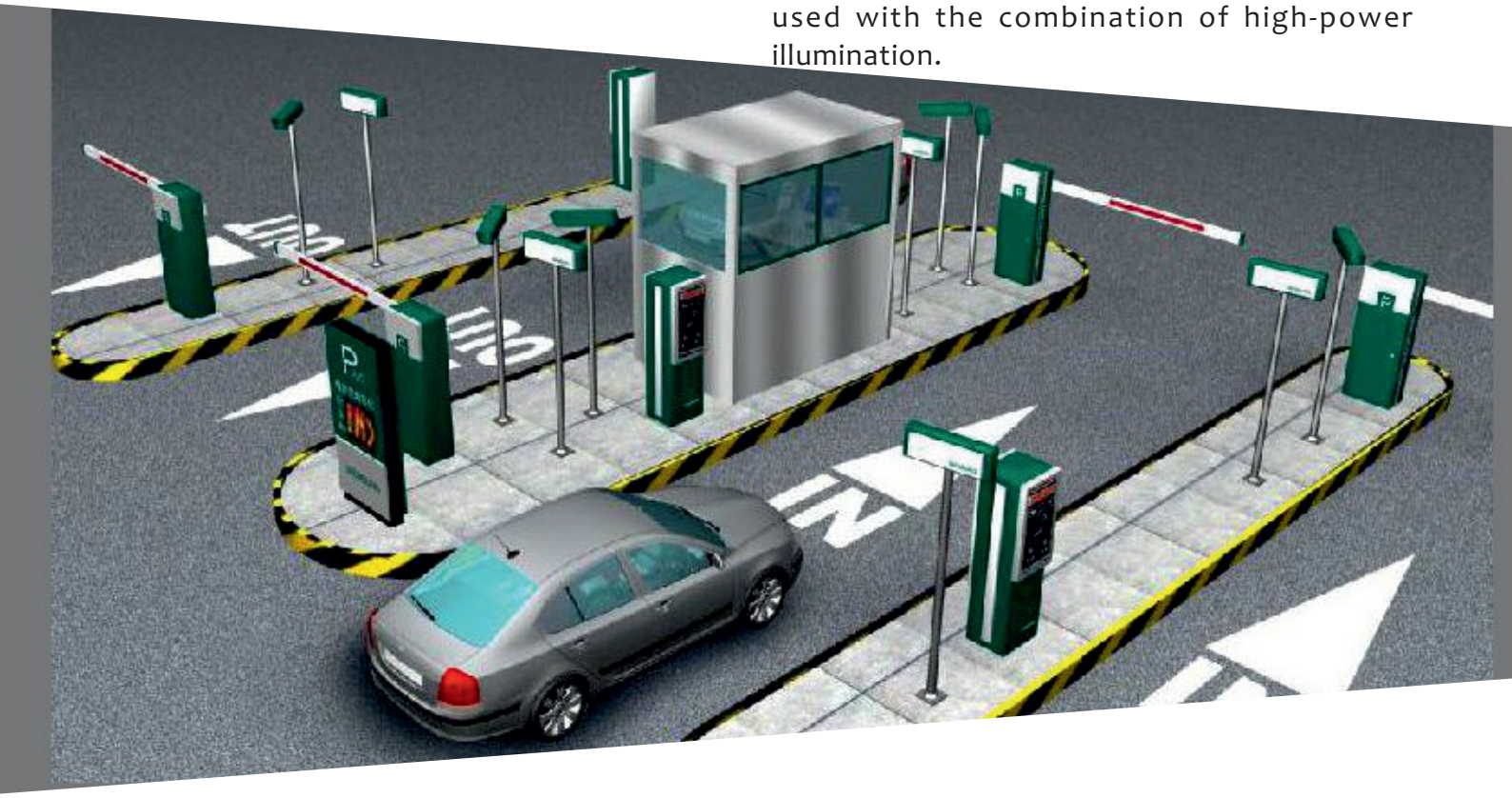
This system carries out site entry-exit vehicle management with the help of license plate reading system.

Vehicle plates belonging to the residents are recorded, and the barrier automatically opens when these vehicles arrive at the door. Users who want to enter the city can enter the vehicle by means of the plate in their vehicle without the need for devices such as control and card reading. All vehicles entering and leaving are recorded with their pictures. Retrospective records can be reviewed. Various reports are available.

Reading automatically the registration number means transforming the pixels of the digital image into the ASCII text of the number plate.

While license plate recognition has special type of OCR technology, today optical character recognition (OCR) technology is considered strictly a type of technology - mainly software - that lets you scan paper documents and turn them into electronic, editable files.

From the LPR/ANPR point of view the image quality is always key factor. Capturing of fast moving vehicles needs special technique to avoid motion blur which can decrease the recognition accuracy dramatically. To ensure the right image quality short shutter time need to be used with the combination of high-power illumination.



SECURITY CABIN

Bullet-proof seizure clubs are produced in accordance with standard 200*200*230 cm or it can be changed as you wishes only one piece their insides are uphoistery or uphoipstery and can be transported anywhere as demonted. Its inner side is specially produced. According to the specifications, the innerside and outside's features can be changed in case of the demands. We have triple double and single ready cabins. Our clubs protection levels are the highest level Br7. It is resistant to even more anti - personel rocket launcher. It is protective all the guns and rifles classes included rocket launcher.







PREFERENCES



ATATURK MONUMENT



POLICE FORCES

aselsan

ASELSAN



TURKISH MILITARY POLICE



TURKISH PRESIDENCY



MINISTRY OF INTERIOR



GAZI UNIVERSITY



TURKISH MILITARY HOSPITAL



MINISTRY OF JUSTICE

PREFERENCES

TURKISH AIR FORCES

ANKARA UNIVERSITY

TURKISH MARINE FORCES

TURKCELL

MINISTRY OF INTERIOR

TURKISH LAND FORCES

TURKISH SATELLITE FACILITIES

TURKISH LAND FORCES

ISTANBUL UNIVERSITY

CERTIFICATES



SQR CERTIFICATION

INTERNATIONAL CERTIFICATION SQR

Sertifika
CERTIFICATE

MANAS OTOMASYON GÜVENLİK SİSTEMLERİ ELEKTRİK MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ

İVEDİK OSB MAHALLESİ 1483. CADDE NO: 6
YENİMAHALLE/ANKARA/TÜRKİYE

ISO 9001:2015

Kapsam/Scope

OTOMATİK KAPI SİSTEMLERİ, ARAÇ ALTI GÖRÜNTÜLEME SİSTEMLERİ, ROAD BLOCKER, MANTAR BARİYER, KOLLU BARİYER, PLAKA TANIMA SİSTEMİ İMALATI, MONTAJI, BAKIMI VE ONARIMI

MANUFACTURING, INSTALLATION, MAINTENANCE AND REPAIR OF AUTOMATIC DOOR SYSTEMS, UNDER-VEHICLE IMAGING SYSTEMS, ROAD BLOCKER, RISING BOLLARD, ARM BARRIER, LICENSE PLATE RECOGNITION SYSTEM

Bu sertifika ile yukarıda adı geçen kuruluşun Kalite Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned Company meets the requirement of Quality Management System.

Unique Identification Code (UIC)	: MSCB-136-9717
Belge NO / Certification Number	: MTS-14188
İlk Kayıt Tarihi / Date of Initial Reg.	: 5.06.2018
Basım Tarihi / Date of Certificate	: 1.06.2019
Geçerlilik Tarihi / Date of Expiry	: 4.06.2020
Yeniden Belgelendirme Tarihi / Date of Recertification	: 4.06.2021
Revizyon/Revision	: 001

Belgelendirme Müdürü / Certification Manager

IAS ACCREDITED
Management Systems Certification Body
MSCB-136

SİGMACERT
ULUSLARARASI BELGELENDİRME EĞİTİM VE TEST HİZMETLERİ LTD. ŞTİ.

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CERTIFICATES



SQR CERTIFICATION

INTERNATIONAL SQR CERTIFICATION

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YENİMAHALLE/ANKARA/TÜRKİYE

ISO 14001:2015

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Bu sertifika ile yukarıda adı geçen kuruluşun Çevre Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned Company meets the requirement of Environmental Management System

Unique Identification Code (UIC)	MSCB-136-4993
Belge NO / Certification Number	: MTS-14189
İlk Kayıt Tarihi / Date of Initial Reg.	: 5.06.2018
Basım Tarihi / Date of Certificate	: 1.06.2019
Geçerlilik Tarihi / Date of Expiry	: 4.06.2020
Yeniden Belgelendirme Tarihi / Date of Recertification	: 4.06.2021
Revizyon/Revision	: 001

Belgelendirme Müdürü / Certification Manager

IAS ACCREDITED Management Systems Certification Body MSCB-136

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INTERNATIONAL SQR CERTIFICATION

Sertifika
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MANAS OTOMASYON GÜVENLİK SİSTEMLERİ ELEKTRİK MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ

İVEDİK OSB MAHALLESİ 1483. CADDE NO: 6
YENİMAHALLE/ANKARA/TÜRKİYE

OHSAS 18001:2007

Kapsam/Scope

OTOMATİK KAPI SİSTEMLERİ, ARAÇ ALTI GÖRÜNTÜLEME SİSTEMLERİ, ROAD BLOCKER, MANTAR BARİYER, KOLLU BARİYER, PLAKA TANIMA SİSTEMİ İMALATI, MONTAJI, BAKIMI VE ONARIMI

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Bu sertifika ile yukarıda adı geçen kuruluşun İş Sağlığı ve Güvenliği Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned Company meets the requirement of Occupational Health & Safety Management System.

Belge NO / Certification Number	: MTS-11187
İlk Kayıt Tarihi / Date of Initial Reg.	: 5.06.2018
Basım Tarihi / Date of Certificate	: 1.06.2019
Geçerlilik Tarihi / Date of Expiry	: 4.06.2020
Yeniden Belgelendirme Tarihi / Date of Recertification	: 4.06.2021
Revizyon/Revision	: 001

Belgelendirme Müdürü / Certification Manager

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