



# PARKING MANAGEMENT & SECURITY SYSTEMS CATALOGUE

100% Customer Satisfaction

Fast, Accurate and Flexible Solutions

Technology Oriented, Commitment to High Quality

Professional Engineer and Technical Service Staff

Two Years Software Update and 10 Years Spare Parts Warranty

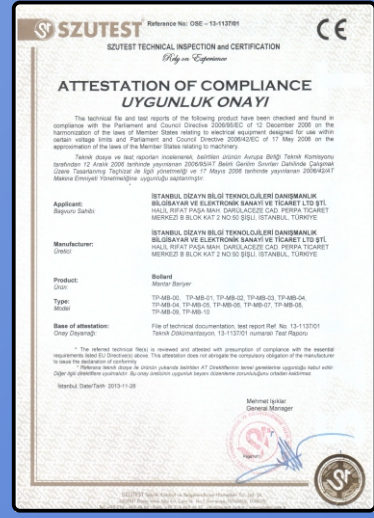
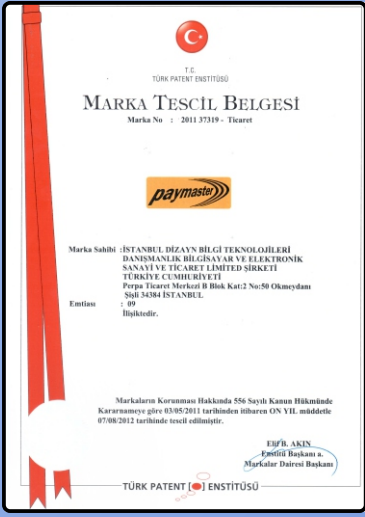
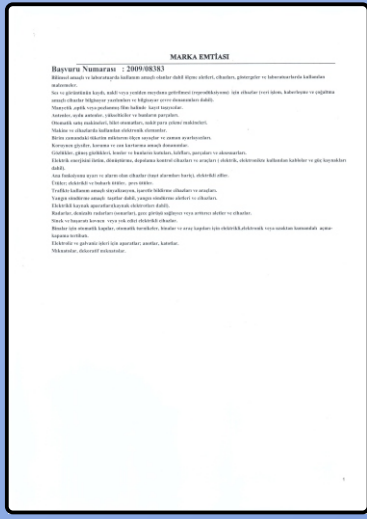
Detailed Reporting, Web Based System Management and Monitoring System

Open Architecture for 3rd Party Applications, %100 Software and Hardware Ownership

***you are always one step ahead***



Discover  
the potential



*you are always one step ahead*

- TRANSPARK has been designing, developing and producing turn-key Car Park Management Systems for more than ten years.
- In the field of Car Park Management Systems, TRANSPARK offers a family of products including Car Park Revenue Control and Management Systems, Parking Guidance Systems, Mobile Car Park Revenue Control and Management Systems, RFID Car Park Vehicle Access Monitoring and Control Systems and License Plate Recognition Systems.
- TRANSPARK, the leading and the only professional manufacturer of Car Park Management Systems in Turkey, has been completed many nation and world wide projects using the latest technology standarts with its dealers and partners.
- TRANSPARK's philosophy is to become a "Standards Defining Worldwide Company" by paying special attention to R&D studies to manufacture customer oriented, flexible, high quality Car Park Management Systems that achieve and sustain absolute customer satisfaction. With this philosophy, TRANSPARK has been manufactured and installed more than 500 Car Park Management Systems for private and public sector car park operators.

**Products;**

→ Car Park Revenue Control and Management Systems

→ Mobile Car Park Revenue Control and Management Systems

→ Parking Guidance Systems

→ RFID Car Park Vehicle Access Monitoring and Control Systems

→ License Plate Recognition Systems

→ High Security Road Blocker and Bollard Systems

→ Advanced Security Solutions for City-Wide Surveillance

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## Web Based Car Park Management and Monitoring System

Monitor car parks with your mobile phone.  
Analyze the revenue and system activities,  
and manage your tariffs accordingly.

All and more with TRANSPARK guaranty

Online Management / Online Support  
Tariff and Parameter Changes / Online Reporting  
Campaign Management / Live Monitoring

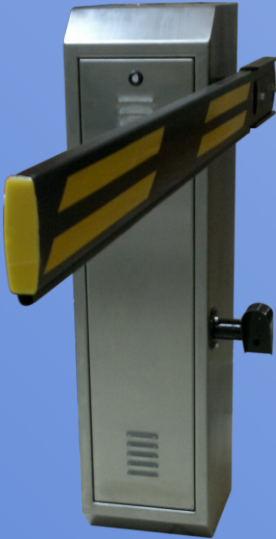
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973311	27/11/2013 20:11:30	27/11/2013 20:11:30	00:00:00	10,0000
973312	26/10/2013 12:31:54	07/11/2013 22:51:47	22:59:26:00	50,0000
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96	06/01/2013 07:27:48	06/01/2013 17:20:44	20:53:15:56	10,0000
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7771	BAHAR KATAR	34 VBA 06	-	08.05.2014 08:48:00
7781	ÖZKAN TUNÇ	34D701	-	08.05.2014 13:35:56
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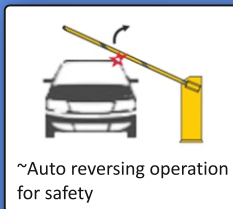
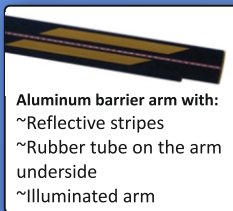
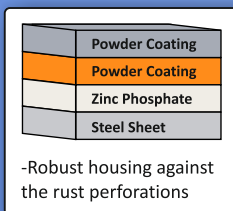
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## Automatic Barrier

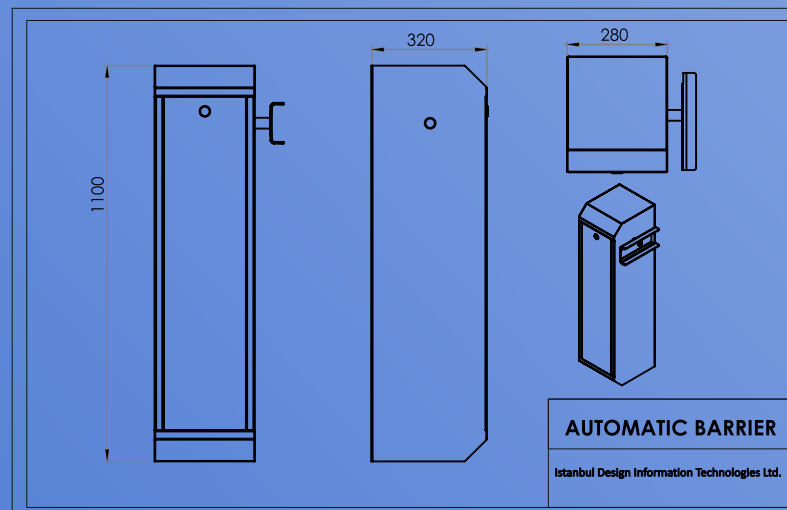
### GENERAL SPECIFICATIONS



- ↘ Intensive use, minimum **15000 opening-closing** cycles per day,
- ↘ Smooth mechanical operation with the integrated hall sensor unit,
- ↘ Barrier arm length options from 2 to 6mt,
- ↘ Adjustable opening and closing times: **0.5 – 3s**,
- ↘ Microprocessor based control unit,
- ↘ Inductive loop dedector and photocell integration,
- ↘ Articulated arm option,
- ↘ Reflective painting and marks to ensure visibility in every whether conditions,
- ↘ Zinc phosphated 3mm steel sheet housing with RAL1028 and RAL9006 powder coating against rust and corrosion,
- ↘ In power failure, easy to lift barrier arm,
- ↘ Automatic opening against the obstacles under the barrier arm,
- ↘ For safety, optional integration of traffic light, photocell unit and signal light,
- ↘ Easy to mount with the base plate,
- ↘ Stainless steel option,
- ↘ Illuminated arm option
  - Option 1 – Only Red Color
  - Option 2 – Closed/Red, Opening/Yellow, Opened/Green,
- ↘ Working temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ↘ Weight:  $\sim 70\text{kg}$ ,
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz,
- ↘ Power Consumption:  $\sim 0.4\text{kW}$ ,
- ↘ Dimensions: (See Below),



### Technical Dimensions

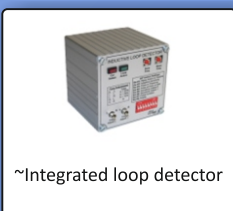
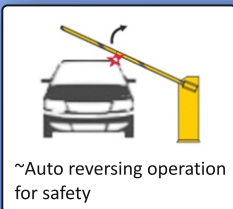
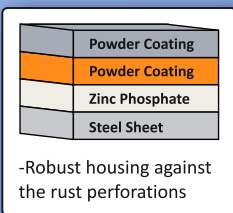


## Automatic Barrier

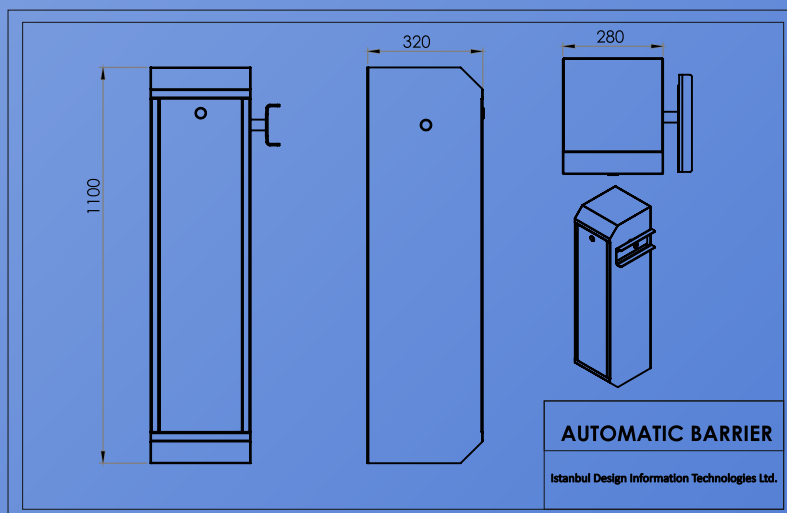
### GENERAL SPECIFICATIONS



- ↘ Intensive use, minimum **10000 opening-closing** cycles per day,
- ↘ Smooth mechanical operation with the integrated hall sensor unit,
- ↘ Barrier arm length options from 2 to 6mt,
- ↘ Adjustable opening and closing times: **1 – 3s**,
- ↘ Microprocessor based control unit,
- ↘ Inductive loop dedector and photocell integration,
- ↘ Articulated arm option,
- ↘ Reflective painting and marks to ensure visibility in every whether conditions,
- ↘ Zinc phosphated 3mm steel sheet housing with RAL1028 and RAL9006 powder coating against rust and corrosion,
- ↘ In power failure, easy to lift barrier arm,
- ↘ Automatic opening against the obstacles under the barrier arm,
- ↘ For safety, optional integration of traffic light, photocell unit and signal light,
- ↘ Easy to mount with the base plate,
- ↘ Stainless steel option,
- ↘ Illuminated arm option
  - Option 1 – Only Red Color
  - Option 2 – Closed/Red, Opening/Yellow, Opened/Green,
- ↘ Working temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ↘ Weight:  $\sim 70\text{kg}$ ,
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz,
- ↘ Power Consumption:  $\sim 0.4\text{kW}$ ,
- ↘ Dimensions: (See Below),



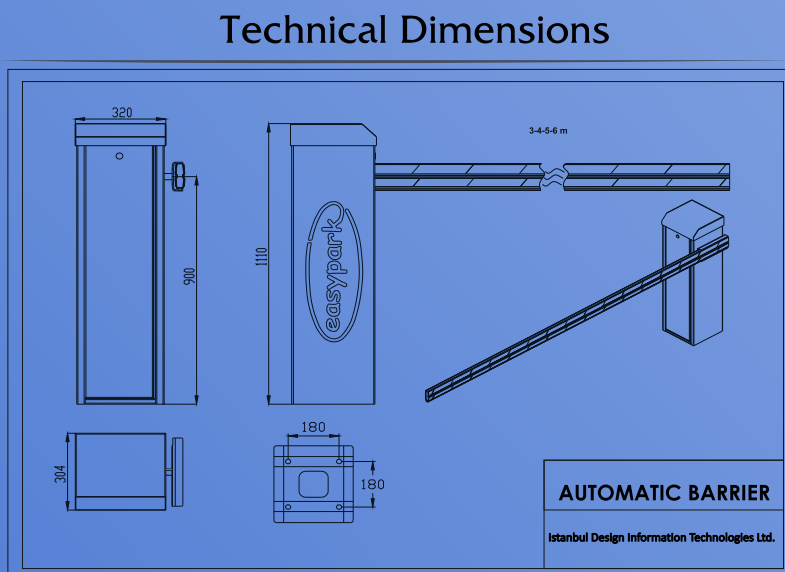
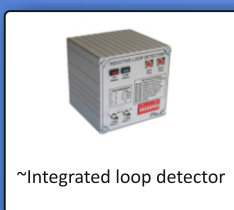
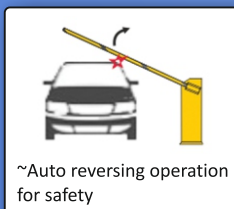
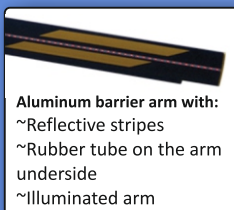
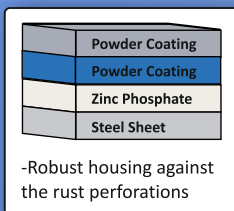
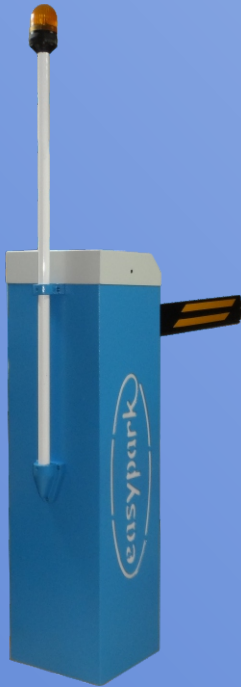
### Technical Dimensions



## Automatic Barrier

### GENERAL SPECIFICATIONS

- ↘ All the mechanical units are placed on top of the barrier under an easily opening cover for easy and quick service.
- ↘ Intensive use, minimum 5000 opening-closing cycles per day
- ↘ Reflective painting and marks to ensure visibility in every weather conditions, also optional illuminated arm by using strip LEDs in the uniquely designed channel profile
- ↘ For safety, optional integration of inductive loop detector, traffic light, photocell unit and signal light
- ↘ Microprocessor based control unit that can communicate with the system using RS232/422 protocols
- ↘ Opening and closing operations are controlled by special commands from the system, and real time status information is sent back to the system
- ↘ Articulated arm option for low ceiling height
- ↘ Zinc phosphated 3mm steel sheet housing with RAL#9006 / RAL#5012 / RAL#1028 powder coating against rust and corrosion
- ↘ In power failure, easy to lift barrier arm manually
- ↘ Adjustable opening and closing times from minimum one second up to five seconds
- ↘ Automatic opening against the obstacles under the barrier arm
- ↘ IP55 degree of protection
- ↘ Smooth mechanical operation with the integrated hall sensor unit
- ↘ Barrier arm length options from 2 to 7mt
- ↘ Easy to mount with the base plate
- ↘ Stainless steel option
- ↘ Illuminated arm options
  - ~Option 1 – Only Red Color
  - ~Option 2 – Closed/Red, Opening/Yellow
- ↘ Working temperature: -20°C ~ +70°C
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz
- ↘ Power Consumption: ~0.4kW / Weight: ~70kg / Dimensions: (See Below)

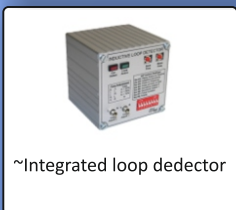
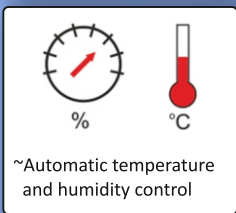
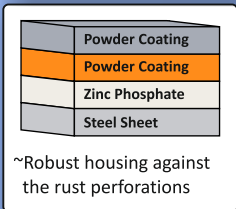


## Ticket Dispenser

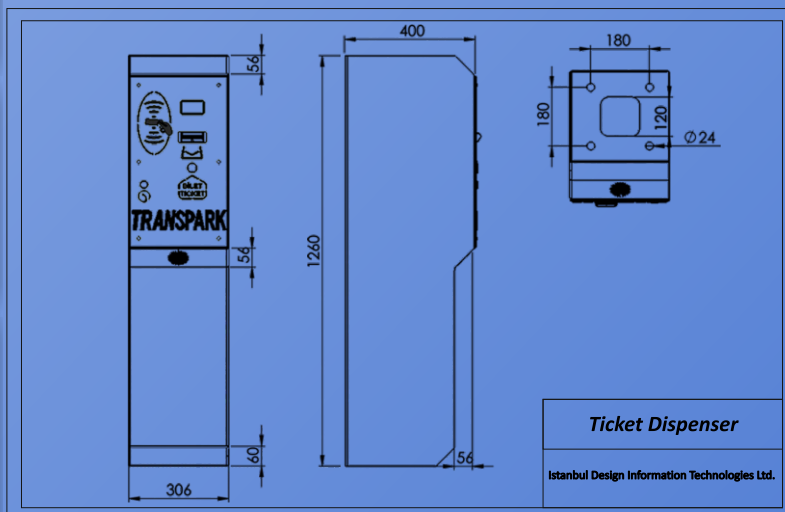
### GENERAL SPECIFICATIONS



- ▶ Credit card size tickets: 8.5 cm x 5.4 cm
- ▶ Ticket printing time: < 2s
- ▶ For Fanfolded tickets: 5000 tickets/cartoon
- ▶ Ticket level control and low level ticket indicator on the host computer
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ Printer: dot matrix thermal printer; prints date, time, barcode by default and five lines of customized messages adjusted by software.
- ▶ With license plate recognition system integration, ability to print license plate on ticket
- ▶ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~ 0.6kW (with heater)
- ▶ Weight: ~35kg
- ▶ Dimensions: (See Below)



### Technical Dimensions



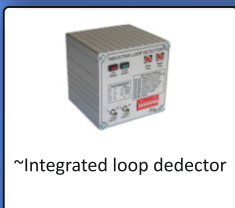
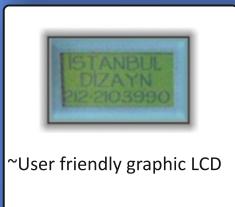
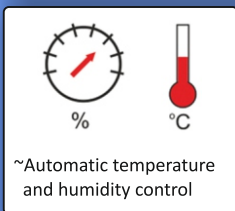
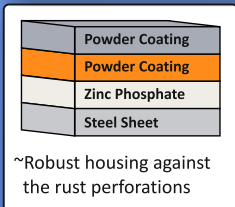
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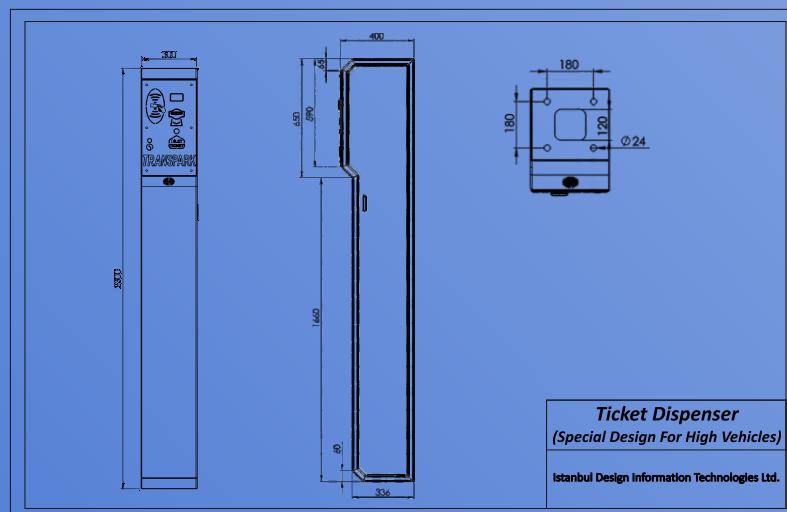
## Ticket Dispenser (Special Design For High Vehicles)

### GENERAL SPECIFICATIONS

- ▶ Credit card size tickets: 8.5 cm x 5.4 cm
- ▶ Ticket printing time: < 2s
- ▶ For Fanfolded tickets: 5.000 tickets/cartoon
- ▶ Ticket level control and low level ticket indicator on the host computer
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ Printer: dot matrix thermal printer; prints date, time, barcode by default and five lines of customized messages adjusted by software.
- ▶ With license plate recognition system integration, ability to print license plate on ticket
- ▶ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~ 0.6kW (with heater)
- ▶ Weight: ~45kg
- ▶ Dimensions: (See Below)



### Technical Dimensions





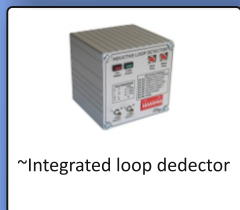
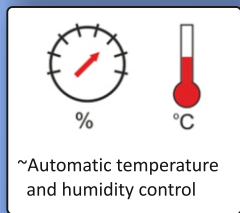
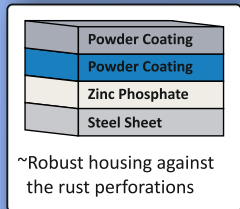
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## Ticket Dispenser

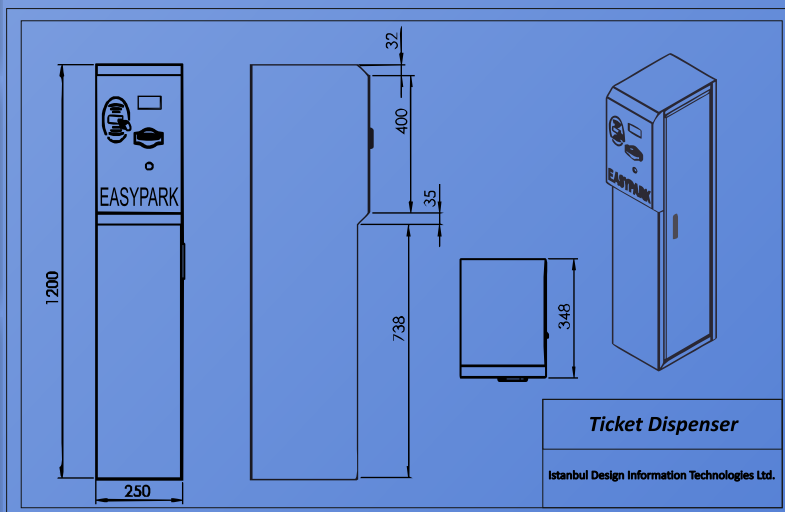
### GENERAL SPECIFICATIONS



- ↘ Credit card size tickets: 8.5 cm x 5.4 cm
- ↘ Ticket printing time: <2s
- ↘ For Fanfolded tickets: 5000 tickets/cartoon
- ↘ Ticket level control and low level ticket indicator on the host computer
- ↘ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ↘ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ↘ Printer: dot matrix thermal printer; prints date, time, barcode by default and five lines of customized messages adjusted by software.
- ↘ With license plate recognition system integration, ability to print license plate on ticket
- ↘ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ↘ Integrated loop detector
- ↘ User friendly graphic LCD
- ↘ Working temperature: -20°C ~ +70°C
- ↘ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ↘ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL5012 or RAL9006 powder coating against rust perforation
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz
- ↘ Power consumption: ~0.4kW (with heater)
- ↘ Weight: ~35kg
- ↘ Dimensions: (See Below)



### Technical Dimensions

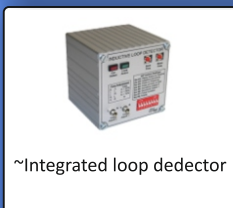
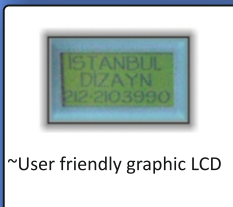
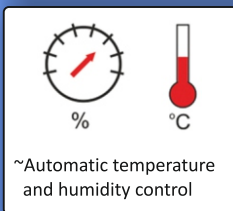
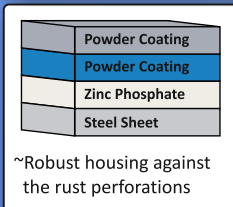


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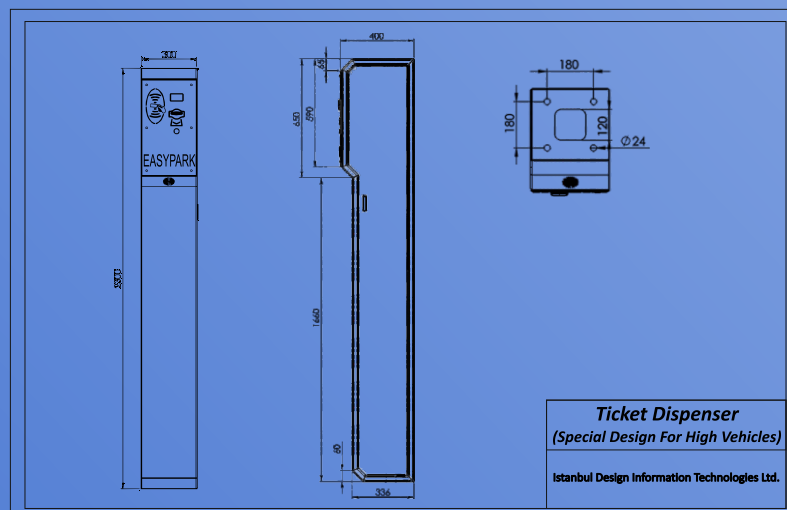
## Ticket Dispenser (Special Design For High Vehicles)

### GENERAL SPECIFICATIONS

- ↘ Credit card size tickets: 8.5 cm x 5.4 cm
- ↘ Ticket printing time: <2s
- ↘ For Fanfolded tickets: 5000 tickets/cartoon
- ↘ Ticket level control and low level ticket indicator on the host computer
- ↘ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ↘ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ↘ Printer: dot matrix thermal printer; prints date, time, barcode by default and five lines of customized messages adjusted by software.
- ↘ With license plate recognition system integration, ability to print license plate on ticket
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- ↘ Integrated loop detector
- ↘ User friendly graphic LCD
- ↘ Working temperature: -20°C ~ +70°C
- ↘ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ↘ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL5012 or RAL9006 powder coating against rust perforation
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz
- ↘ Power consumption: ~ 0.4kW (with heater)
- ↘ Weight: ~45kg
- ↘ Dimensions: (See Below)



### Technical Dimensions

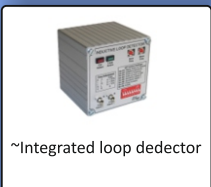
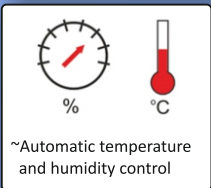
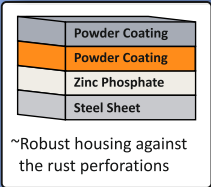


## Card Dispenser

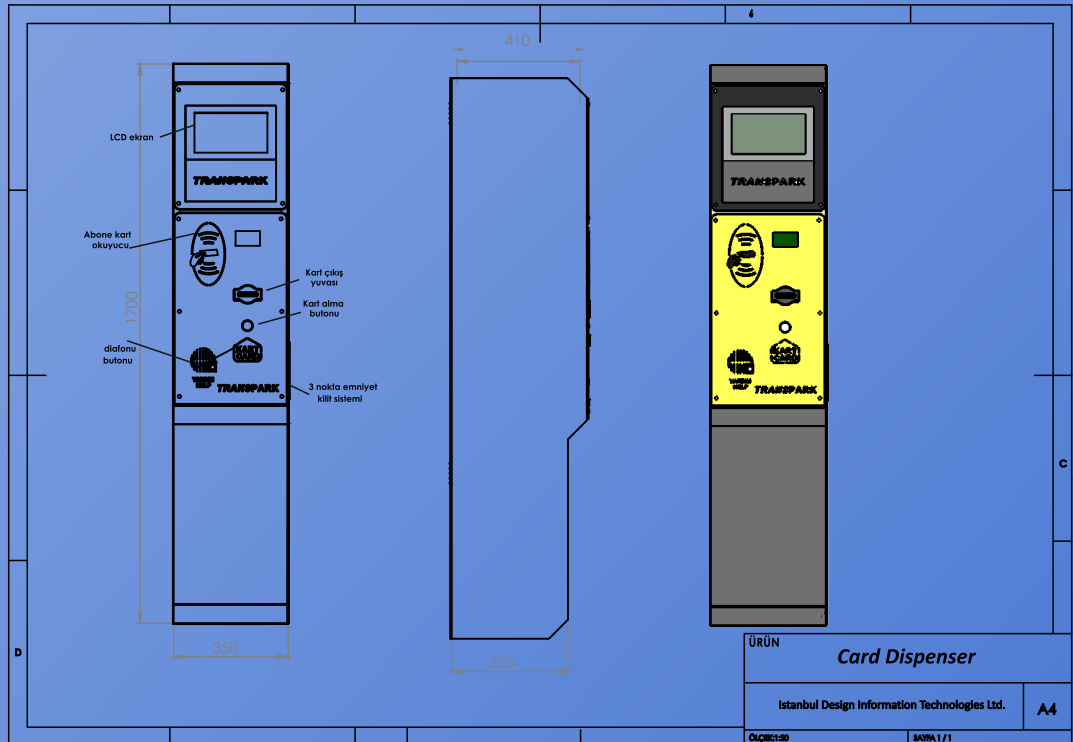
### GENERAL SPECIFICATIONS



- ▶ Credit Card Size PVC Cards: 8.5cm x 5.4cm
- ▶ Card Issuing Time < 1sec
- ▶ Card Reading Time < 1sec
- ▶ ISO/IEC 14443A Cards
- ▶ Cartridge with 300, 600 and 1000 Cards Capacity
- ▶ Card Level Control And Low Card Level Indicator To Host Management System
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ With license plate recognition system integration, ability to print license plate on ticket
- ▶ Integrated access card reader  
~Option 1: 125KHz      ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~ 0.6kW (with heater)
- ▶ Weight: ~45kg      Dimensions: (See Below)



### Technical Dimensions



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## Card Dispenser (Special Design For High Vehicles)



### GENERAL SPECIFICATIONS

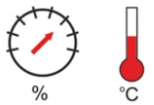
- ▶ Credit Card Size PVC Cards: 8.5cm x 5.4cm
- ▶ Card Issuing Time < 1sec
- ▶ Card Reading Time < 1sec
- ▶ ISO/IEC 14443A Cards
- ▶ Cartridge with 300, 600 and 1000 Cards Capacity
- ▶ Card Level Control And Low Card Level Indicator To Host Management System
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ With license plate recognition system integration, ability to print license plate on ticket
- ▶ Integrated access card reader  
~Option 1: 125KHz      ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~0.6kW (with heater)
- ▶ Weight: ~50kg      Dimensions: (See Below)



~Embedded card reader for access control

Powder Coating
Powder Coating
Zinc Phosphate
Steel Sheet

~Robust housing against the rust perforations



~Automatic temperature and humidity control

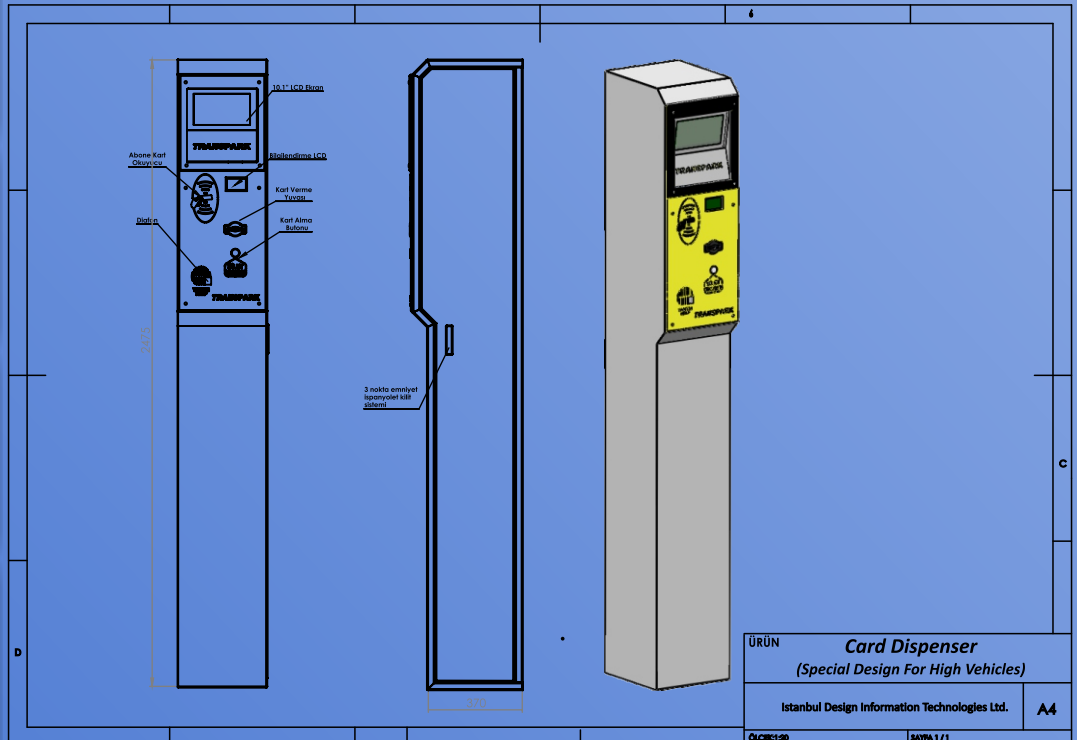


~User friendly graphic LCD



~Integrated loop dedector

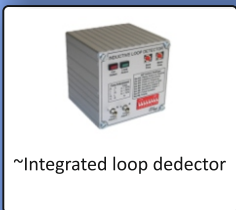
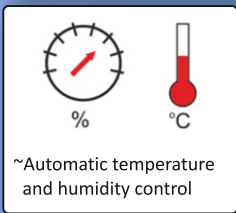
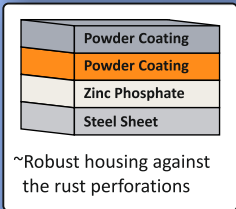
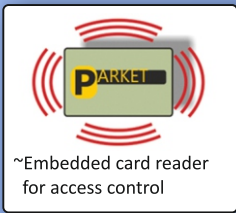
### Technical Dimensions



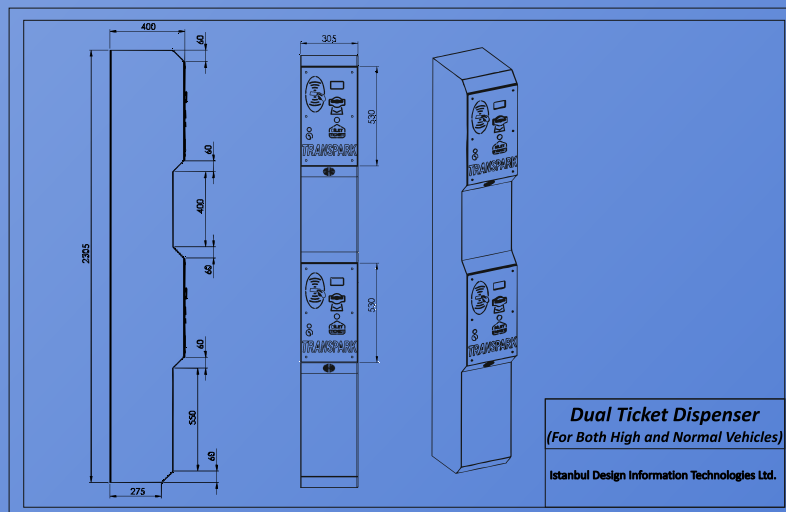
## Dual Ticket Dispenser (For Both High and Normal Vehicles)

### GENERAL SPECIFICATIONS

- ▶ Credit card size tickets: 8.5 cm x 5.4 cm
- ▶ Ticket printing time: < 2s
- ▶ For Fanfolded tickets: 5.000x2: 10.000 tickets/cartoon
- ▶ Ticket level control and low level ticket indicator on the host computer
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ Printer: dot matrix thermal printer; prints date, time, barcode by default and five lines of customized messages adjusted by software.
- ▶ With license plate recognition system integration, ability to print license plate on ticket
- ▶ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~ 0.6kW (with heater)
- ▶ Weight: ~65kg
- ▶ Dimensions: (See Below)



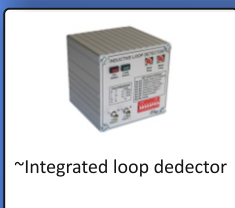
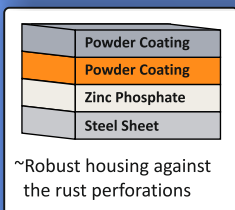
### Technical Dimensions



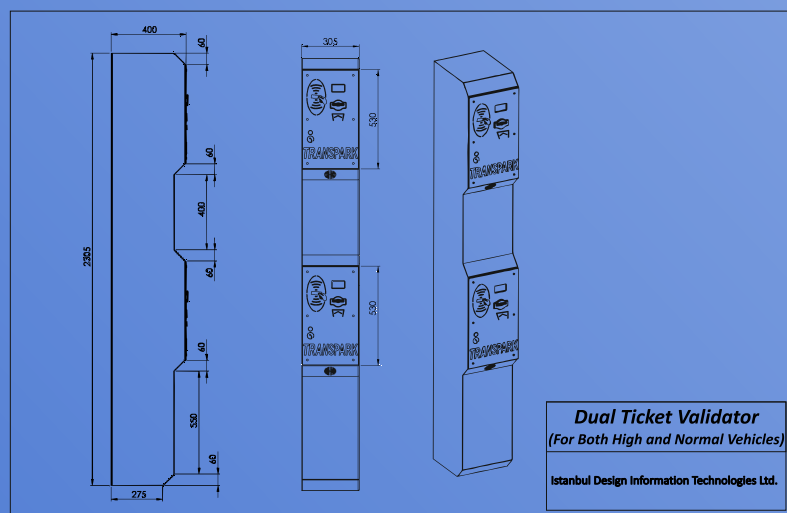
## Dual Ticket Validator (For Both High and Normal Vehicles)

### GENERAL SPECIFICATIONS

- ↘ Credit card size tickets: 8.5 cm x 5.4 cm
- ↘ Ticket Validation Time: < 1s
- ↘ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ↘ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ↘ Motorized barcode reader to capture the ticket automatically after validation
- ↘ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ↘ Integrated loop detector
- ↘ User friendly graphic LCD
- ↘ Working temperature: -20°C ~ +70°C
- ↘ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz
- ↘ Power consumption: ~ 0.6kW (with heater)
- ↘ Weight: ~65kg
- ↘ Dimensions: (See Below)



### Technical Dimensions

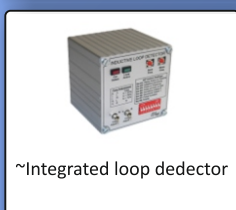
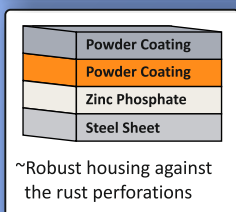


## Ticket Validator

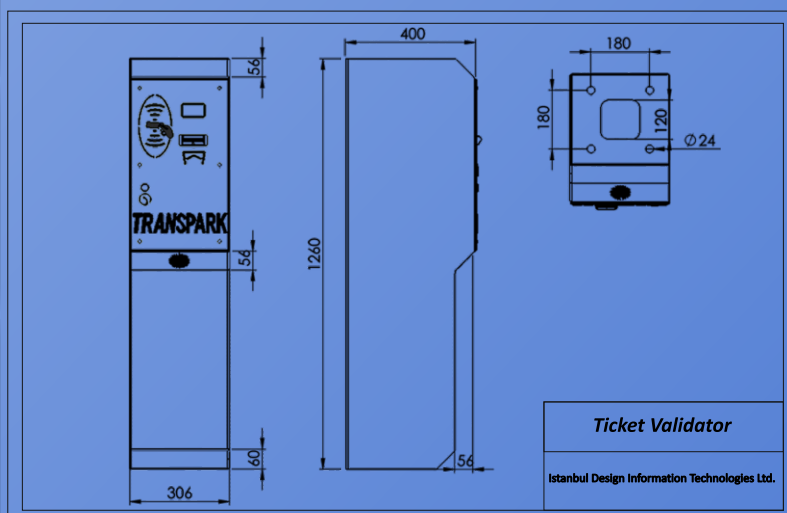
### GENERAL SPECIFICATIONS



- ↘ Credit card size tickets: 8.5 cm x 5.4 cm
- ↘ Ticket Validation Time : < 1s
- ↘ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ↘ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ↘ Motorized barcode reader to capture the ticket automatically after validation
- ↘ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ↘ Integrated loop detector
- ↘ User friendly graphic LCD
- ↘ Working temperature: -20°C ~ +70°C
- ↘ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ↘ Power Supply: 100/120, 220/240VAC 50/60Hz
- ↘ Power consumption: ~ 0.6kW (with heater)
- ↘ Weight: ~35kg
- ↘ Dimensions: (See Below)



### Technical Dimensions

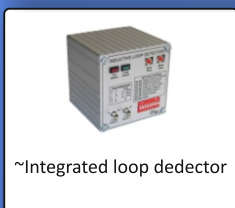
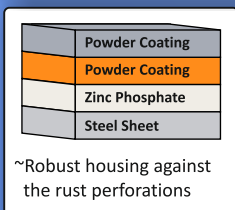




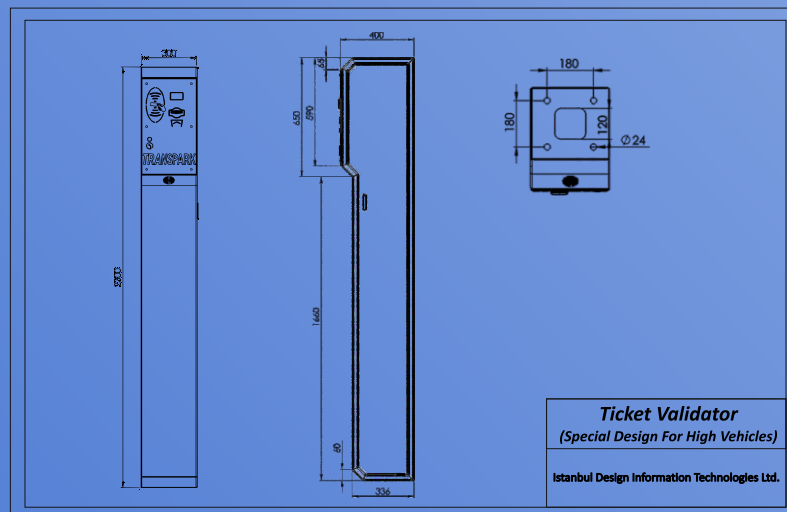
## Ticket Validator (Special Design For High Vehicles)

### GENERAL SPECIFICATIONS

- Credit card size tickets: 8.5 cm x 5.4 cm
- Ticket Validation Time : < 1s
- Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- Motorized barcode reader to capture the ticket automatically after validation
- Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- Integrated loop detector
- User friendly graphic LCD
- Working temperature: -20°C ~ +70°C
- Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- Power Supply: 100/120, 220/240VAC 50/60Hz
- Power consumption: ~ 0.6kW (with heater)
- Weight: ~45kg
- Dimensions: (See Below)



### Technical Dimensions



## Card Validator

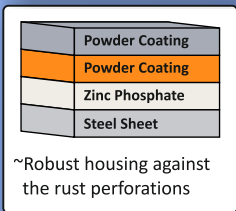


### GENERAL SPECIFICATIONS

- ▶ Credit Card Size PVC Cards: 8.5cm x 5.4cm
- ▶ Card Validation Time : < 1s
- ▶ Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- ▶ Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- ▶ Motorized barcode reader to capture the ticket automatically after validation
- ▶ Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- ▶ Integrated loop detector
- ▶ User friendly graphic LCD
- ▶ Working temperature: -20°C ~ +70°C
- ▶ Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- ▶ Power Supply: 100/120, 220/240VAC 50/60Hz
- ▶ Power consumption: ~ 0.6kW (with heater)
- ▶ Weight: ~40kg
- ▶ Dimensions: (See Below)



~Embedded card reader for access control



~Robust housing against the rust perforations

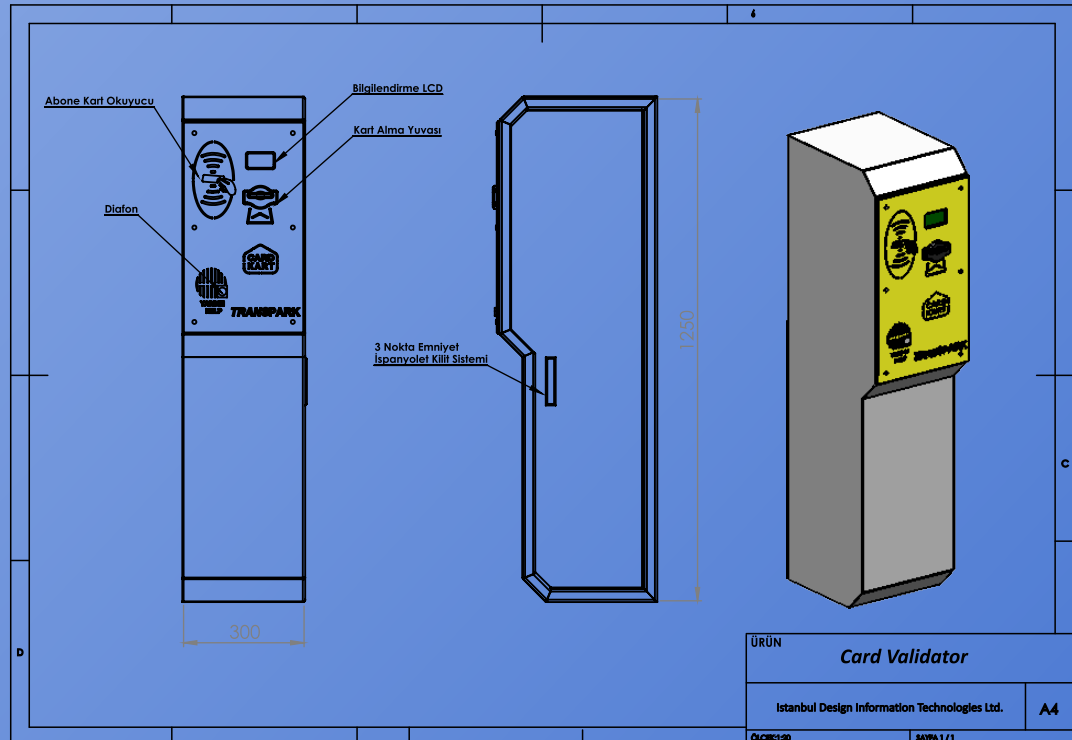


~User friendly graphic LCD



~Integrated loop detector

### Technical Dimensions



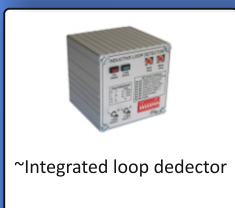
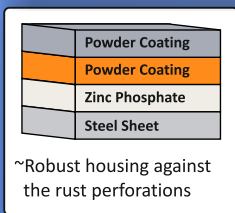
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## Card Validator (Special Design For High Vehicles)

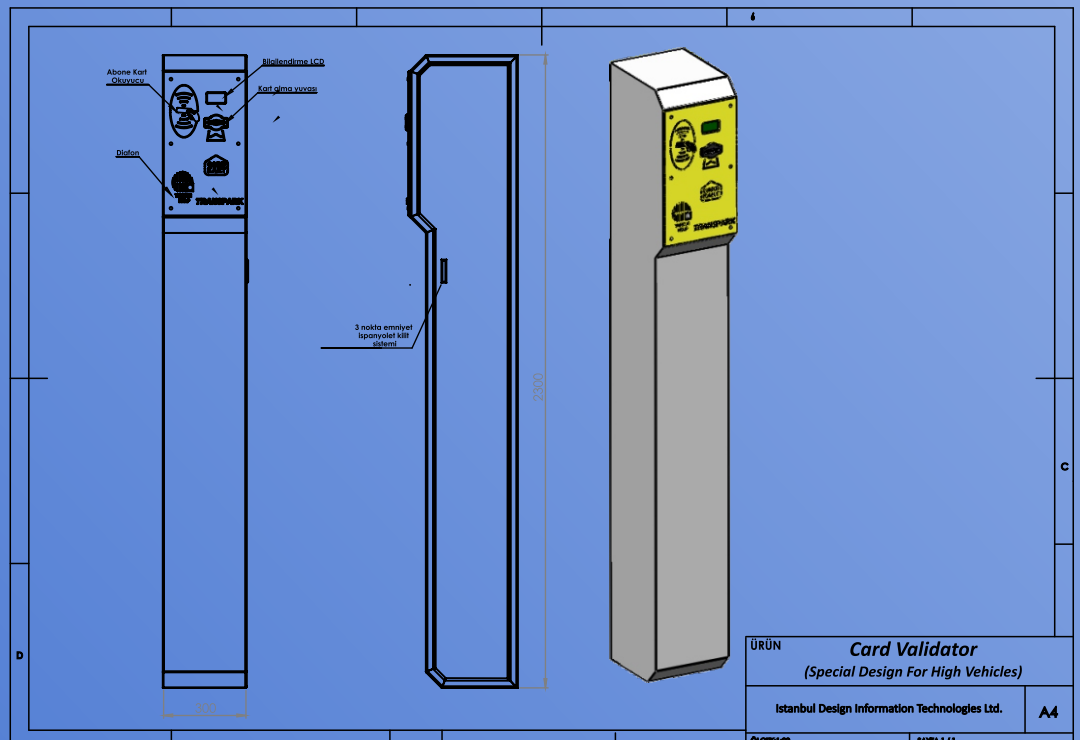


### GENERAL SPECIFICATIONS

- Credit Card Size PVC Cards: 8.5cm x 5.4cm
- Card Validation Time : < 1s
- Real-time synchronization with the host computer and sending the status online or standalone working with the embedded real time clock unit
- Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- Motorized barcode reader to capture the ticket automatically after validation
- Integrated access card reader
  - ~Option 1: 125KHz
  - ~Option 2: 13,56MHz
- Integrated loop detector
- User friendly graphic LCD
- Working temperature: -20°C ~ +70°C
- Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 or RAL9006 powder coating against rust perforation
- Power Supply: 100/120, 220/240VAC 50/60Hz
- Power consumption: ~ 0.6kW (with heater)
- Weight: ~50kg
- Dimensions: (See Below)



### Technical Dimensions



## Mobile Car Park Revenue Control and Management Systems

- The system works online and sends all activities and transactions to the central management system
- The system enables parkman to control the parking area efficiently
- With flexible parking tariffs, different scenarios (day, night, working days, weekends, holidays) can be applied through the whole park region
- With integrated card readers, cashless payment technologies can be used to collect fees
- With inspector module, the parkman activities and performance can be controlled and monitored remotely
- The system can take the photos of the cars, and the originality of the image is guaranteed with digital signature method so that the parking images become legal evidences
- With its integrated camera, the system recognizes the license plates of the cars automatically



Touch Screen

Long Battery Life

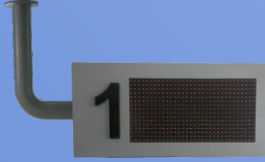
Contactless Card Reader

Online Debt Payment

## Parking Guidance Display

### GENERAL SPECIFICATIONS

- Optional character length and row numbers,
- Easy day and night vision with the ultra bright led (lv~15000),
- Displays the vehicle license plate, duration and parking fee by integrating License Plate Recognition Unit,
- Real-time synchronization with the host computer,
- Displays the total empty park space numbers for related floors in the parking area by counting the car entrances into the floors separately with integrated loop dedectors,
- Microcontroller based controller unit supports RS232, RS422 and TCP/IP communication
- Easy to mount through the wall or onto the standing unit,
- Working temperature: -20 °C~+70 °C,
- Zinc phosphate 3 mm sheet steel/aluminium housing with RAL1028 and RAL9006 powder coating against rust perforation
- Power Supply: 100/120, 220/240 220VAC 50/60Hz
- Dimensions: (See bellow)



## RFID Car Park Vehicle Access Monitoring and Control Systems

### GENERAL SPECIFICATIONS

- It is an UHF RFID based system to control and monitor entrance and exit of the long term parkers of car parks, public or private buildings, residences, business centers.
- The system works with the interaction of a passive tag mounted on the windshield of the car and a long range reader mounted at the access lane.
- The main advantage of the system is with long reading range, the car never stops before the barrier or the door.
- TRANSPARK RFID Access Control System has a reading range of 7/8mts depending on the passive tag and car type.

### TECHNICAL SPECIFICATIONS:

- Protocol : ISO18000-6B, ISO18000-6C ( EPC GEN2 )
- Frequency : ISM 902~928MHZ (FCC), 920~925MHz (CHN) or 867-870 MHz EU Compatible
- RF Output Power : 0~30dBm (Adjustable by software)
- Communication : RS232, RS485, Wiegand26/34
- Reading Range : 7-8 mt (Depends on the tag and car type)
- Power Supply : DC +9V, < 3A consumption
- Dimensions : 440mm×440mm×50mm
- Weight : 4,5 Kg
- Working temperature: -20~+70C



Telefon: 0212 210 3990

**TRANSPARK**  
HIZLI GEÇİŞ SİSTEMİ

www.transpark.com.tr / www.easypark.com.tr

08013 08013FF80006CER40E08013F

Otopark Durumu

**TRANSPARK**

Rapor Tarihi: 01/05/2014

Devreden Araçlar

- Devreden Biletli: 0
- Devreden Abone: 0
- Devreden Toplam: 0

Giriş Yapın Araçlar

- Biletli Giriş: 1
- Abone Giriş: 0
- Toplam Giriş: 1

Çıkış Yapın Araçlar

- Biletli Çıkış: 0
- Abone Çıkış: 0
- Toplam Çıkış: 0

İşlemleri Araçlar

- İşlemleri Biletli: 1
- İşlemleri Abone: 0
- İşlemleri Toplam: 1

Kasa Durumu

- Bilet Geliri: 0,00 TL
- Abonelik Geliri: 0,00 TL
- Toplam Gelir: 0,00 TL

SİSTEM HAREKETLERİ | GÜNÜMÜ HAREKETLERİ

İŞLEM YERİ	İŞLEM ZAMANI	TERMINAL ADI	KAYIT EDEN	KART NO	AÇIKLAMA
SİSTEM GİRİŞİ	01/05/2014 1...	SERVER	PARKET	192.168...	01/05/20...
SİSTEM ÇIKIŞI	01/05/2014 1...	SERVER	PARKET	192.168...	01/05/20...
TCR/IP SUN...	01/05/2014 1...	SERVER	PARKET	192.168...	BAŞLADI
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SİSTEM ÇIKIŞI	22/02/2014 1...	SERVER	PARKET		22/02/20...
BARİYER AÇ...	22/02/2014 1...	BİM	PARKET		
BARİYER KA...	22/02/2014 1...	BİM	PARKET		
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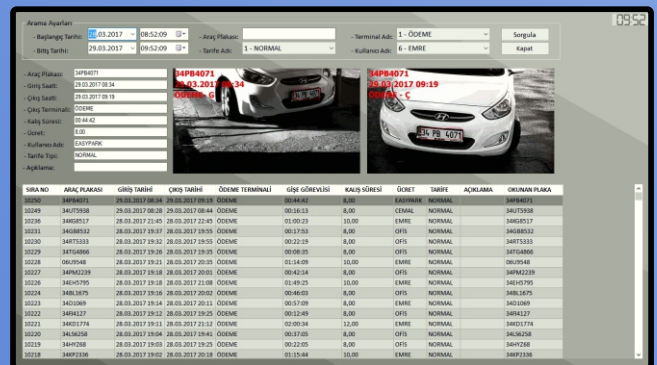
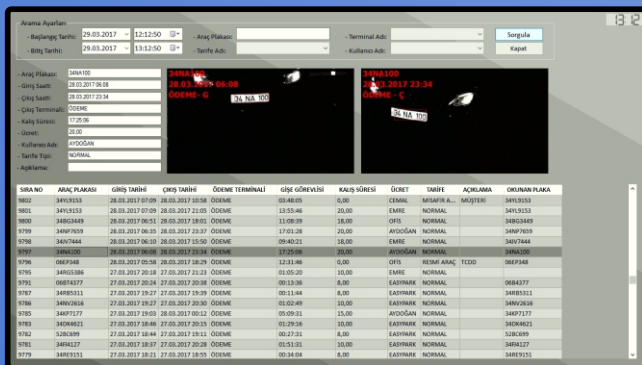
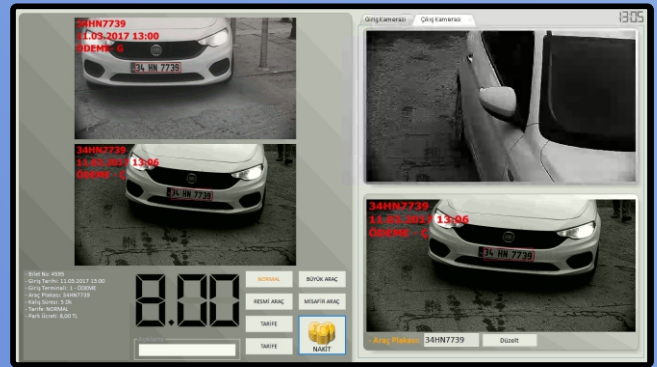
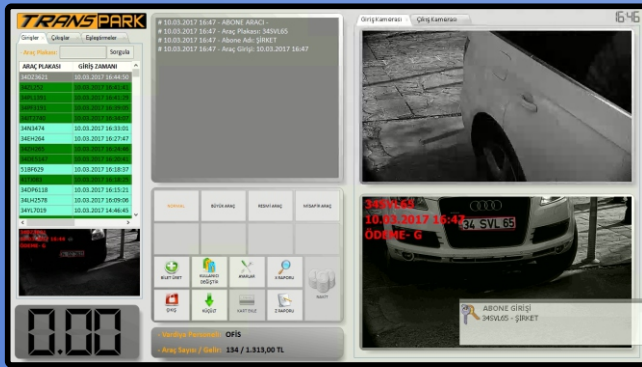
01 Mayıs 2014 Perşembe 16:37:19

## License Plate Recognition System



### GENERAL SPECIFICATIONS

- LPR system, using the images captured by high resolution cameras, recognizes the license plate, model, type and color of the car using the image processing algorithms.
- Car detection, license plate recognition, model identification, type and color identification is done only by smart camera without any processing devices.
- License plate accuracy > %95
- Integration with POLNET system
- Integration with all type of access control (RFID, Smart Card or Paper Tickets) systems
- Provides revenue control of car parks by controlling and monitoring the entry & exit of the cars, and charges for the stay time of the cars inside the car park
- Integration with all types of car park revenue control and management systems to print license plate on paper tickets, easy access for long term parkers and to determine the entry date of a lost ticket.





you are always one step ahead

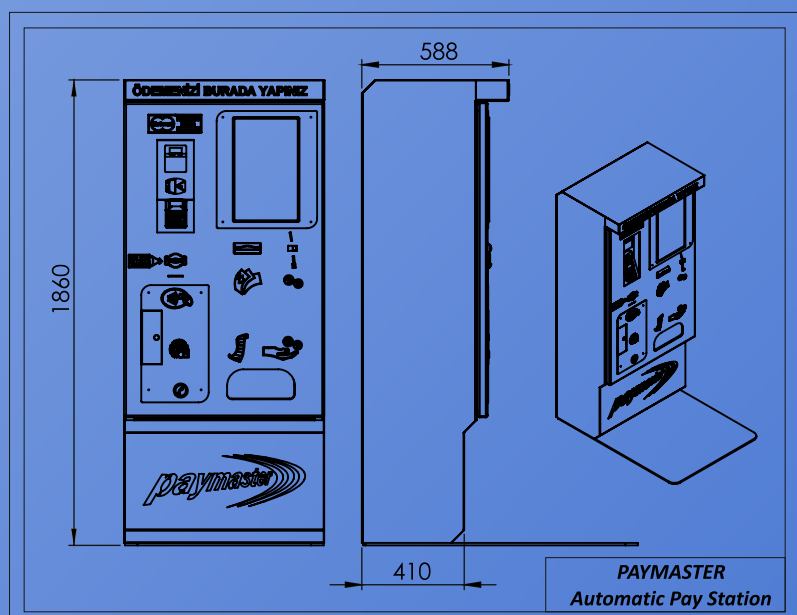
## Automatic Pay Station (Credit Card & Cash)

### GENERAL SPECIFICATIONS

- ◆ Zinc phosphated 4mm sheet steel housing with RAL1028 and RAL9006 powder coating against rust perforation
- ◆ 19" outdoor touch screen panel
- ◆ Industrial management terminal
- ◆ Motorized barcode reader
- ◆ Smart card reader for long term parker payments (optional)
- ◆ High resolution thermal receipt printer
- ◆ Cash acceptance through bill and coin validators
- ◆ Cash payout through smart hopper and bill payout (optional) devices
- ◆ Multi-language user friendly screens
- ◆ Automatic temperature and humidity control with integrated thermostat-hygrostat controlled heater
- ◆ Integrated magnetic door switch to check for unauthorized opening (optional)
- ◆ User friendly front panel
- ◆ Working temperature: -10 ~ +50C
- ◆ Weight: ~230kg
- ◆ Power supply: 100/120, 220/240VAC 50/60Hz
- ◆ Power consumption: ~ 1.5kW (with heater)
- ◆ Dimensions: (On right)



### Technical Dimensions



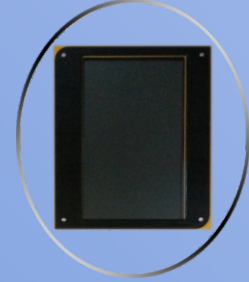
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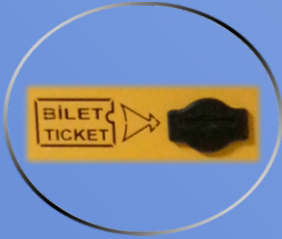
## Automatic Pay Station (Credit Card & Cash)



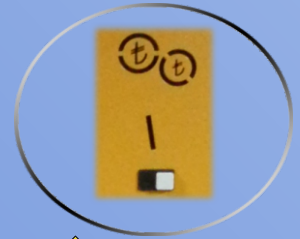
Payment with contactless credit card



19" outdoor touch panel



Motorized barcode reader to read tickets



Coin acceptor



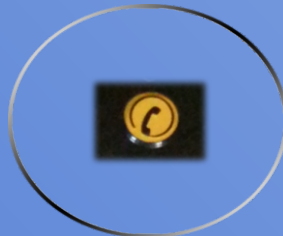
Payment with chip&pin credit card



Bill validator & Payout with bills (optional)



Thermal receipt printer



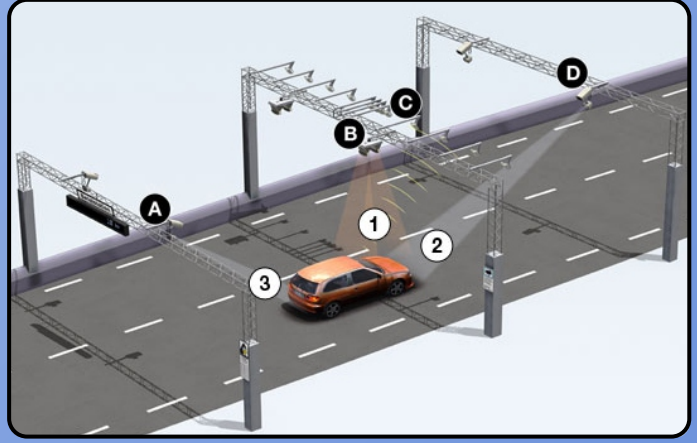
Intercom



Payout with coins



## City Security And Management Systems (Csms) Highway License Plate Recognition And Speed Corridor Systems

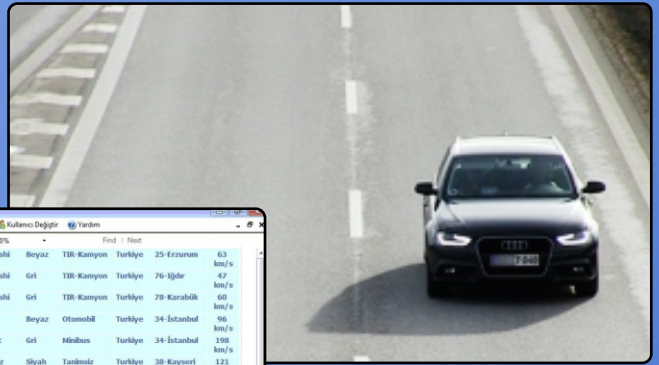
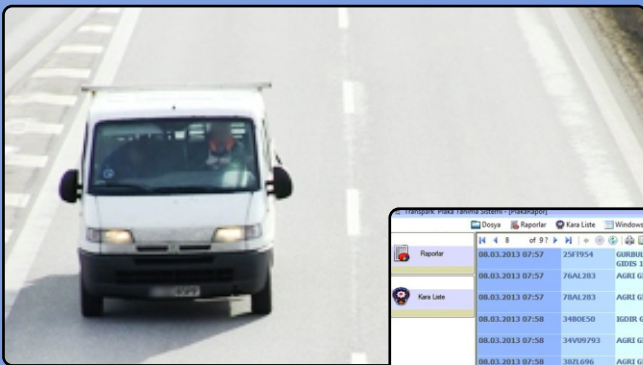


### GENERAL SPECIFICATIONS

- LPR system, using the images captured by high resolution cameras, recognizes the license plate, model, type and color of the car using the image processing algorithms.
- Car detection, license plate recognition, model identification, type and color identification is done only by smart camera without any processing devices.
- License plate accuracy > %95
- Integration with POLNET system
- The system takes high resolution wide angle high resolution photos of cars covering the license plate and driver
- LPR system is continuously trained for new type of license plates
- If there is communication failure, the system continues to store all the information locally, and resends to the center after the communication channel is restored

### HIGHWAY LPR AND SCS REPORT SCREEN

### HIGHWAY LPR AND SCS REPORT SCREEN



Time	Plate	Model	Color	Region	Speed (km/h)			
08.03.2013 07:57	25F1954	GERBULAK GEDIS 1	Mitsubishi	Beiraz	TIR-Kamyon	Türkiye	25-Erzurum	63
08.03.2013 07:57	76AL203	AGRI GEDIS 1	Mitsubishi	Gri	TIR-Kamyon	Türkiye	76-Ilgar	47
08.03.2013 07:57	78AL203	AGRI GEDIS 1	Mitsubishi	Gri	TIR-Kamyon	Türkiye	78-Karabük	60
08.03.2013 07:58	3480E50	EGOR GELIS 2	Bmw	Beiraz	Otomobil	Türkiye	34-Estanbul	96
08.03.2013 07:58	34V09793	AGRI GEDIS 1	Renault	Gri	Mobilus	Türkiye	34-Estanbul	108
08.03.2013 07:58	382L696	AGRI GEDIS 1	Tanimolz	Siyah	Tanimolz	Türkiye	38-Kayseri	121
08.03.2013 07:58	382R276	EGOR GELIS 1	Ford	Gri	Mobilus	Türkiye	38-Kayseri	04
08.03.2013 07:59	340A3401	GERBULAK GEDIS 2	Tanimolz	Beiraz	Tanimolz	Türkiye	34-Estanbul	119
08.03.2013 07:59	638S196	EGOR GEDIS 2	Ford	Siyah	Tanimolz	Türkiye	63-Sankurfa	108
08.03.2013 07:59	0404787	GERBULAK GEDIS 2	Flat	Siyah	Otomobil	Türkiye	04-Agin	191
08.03.2013 07:59	3186836	GERBULAK GEDIS 2	Tanimolz	Gri	Tanimolz	Türkiye	31-Hatay	118
08.03.2013 08:00	0404836	GERBULAK GEDIS 1	Tanimolz	Gri	Tanimolz	Türkiye	04-Agin	99
08.03.2013 08:00	04043023	AGRI GEDIS 1	Ford	Siyah	Mobilus	Türkiye	04-Agin	113
08.03.2013 08:01	76A1788	AGRI GEDIS 1	Flat	Siyah	Tanimolz	Türkiye	76-Ilgar	119
08.03.2013 08:04	266A645	AGRI GELIS 1	Ford	Beiraz	Mobilus	Türkiye	26-Eskisehir	87
08.03.2013 08:05	35P2318	GERBULAK GEDIS 1	Tanimolz	Tanimolz	Tanimolz	Türkiye	35-Izmir	152

## Bollard (With Integrated Hydraulic Unit)

- ◆ The hydraulic unit is integrated inside the bollard.
- ◆ For each bollard, there exists a pump with minimum 16 lt/min capacity. For less capacity pumps, the rise and fall times increase.
- ◆ The bollard can be lowered manually in case of power failure.
- ◆ The bollard moving cylinder has 220mm of diameter, with 14mm thickness.
- ◆ The bollard is covered by 304/304L stainless steel, and the covering part is fixed by 10mm thick steel from bottom to prevent the movement of cover in Z axis.
- ◆ At fully opened position, the bollard height is 500mm, and has 2-10 seconds of adjustable automatic close time.
- ◆ The moving part cap is 10mm thick aluminum to prevent any damage with high pressure of over-passing cars.

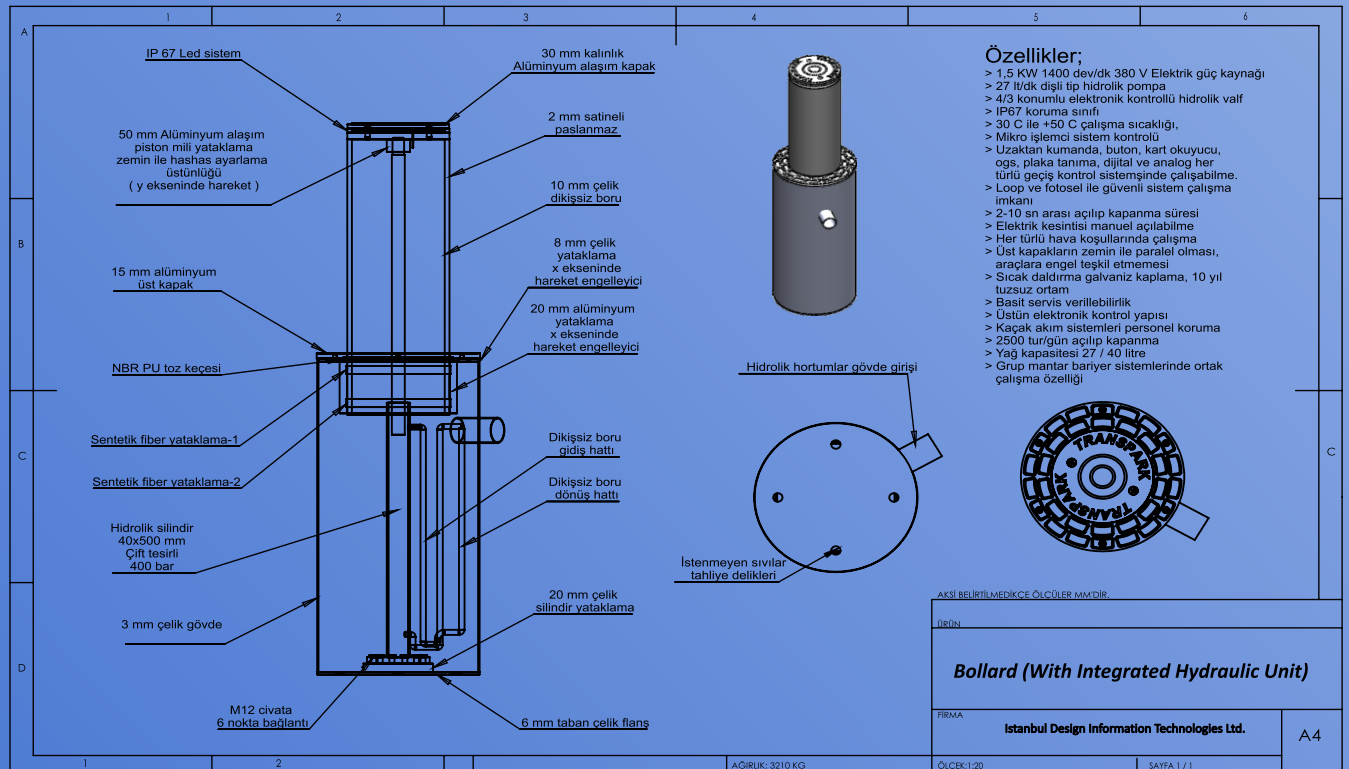


- ◆ The bollards is designed to stop 4 tons of a car coming at a speed of 50km/h at its fully opened position. After such an impact, the damage of the bollard is guaranteed to be less than %30.

- ◆ IP67 Protection Degree. The bollard can be integrated any type of access control system.



## Technical Dimensions

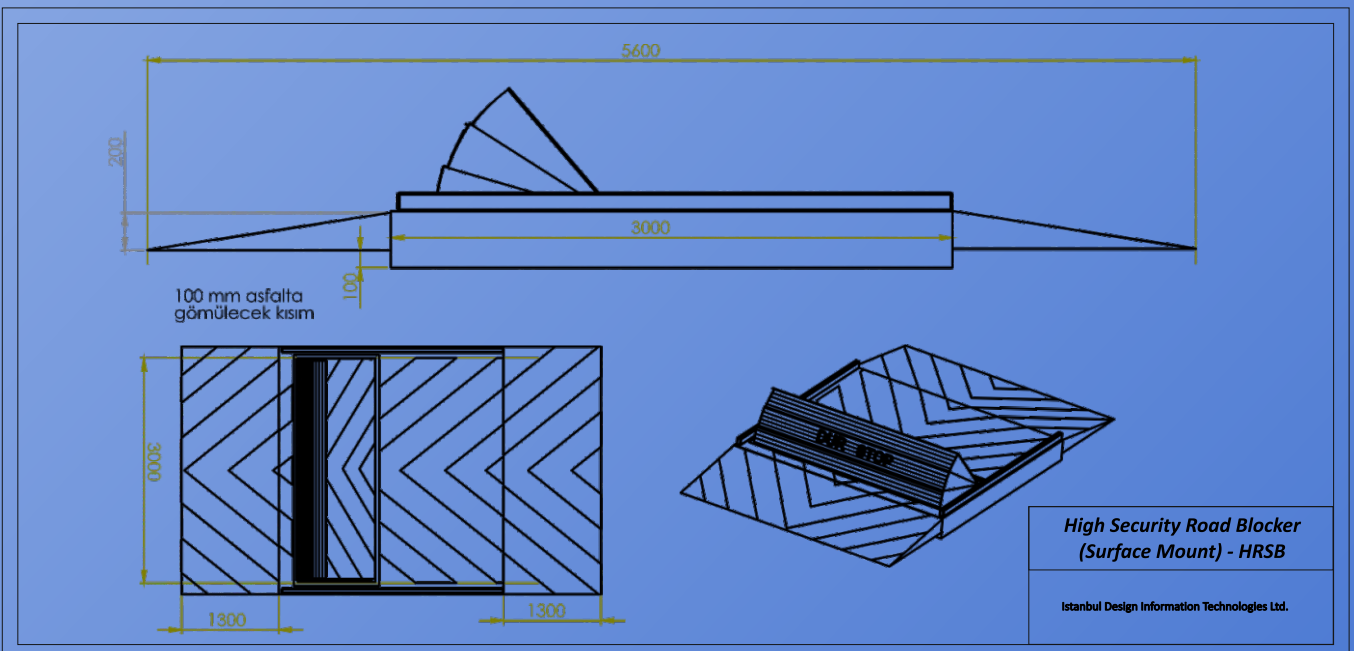


## High Security Road Blocker (Surface Mount) - HRSB

- ◆ HSRB is used at entry points of facilities with high security needs such as military bases, government buildings, power plants etc.
- ◆ HSRB can be integrated any type of access control system. / HSRB has 10mm sheet thickness. / IP67 Protection Degree.
- ◆ HSRB is designed to stop 30 tons of a car coming at a speed of 50km/h at its fully opened position. After such an impact, the damage of the HSRB is guaranteed to be less than %30.
- ◆ HSRB standart opening/closing times are three seconds, but with extra hydraulic units equipped, the rise time can be lowered down to one second to be used in high emergency cases.



### Technical Dimensions

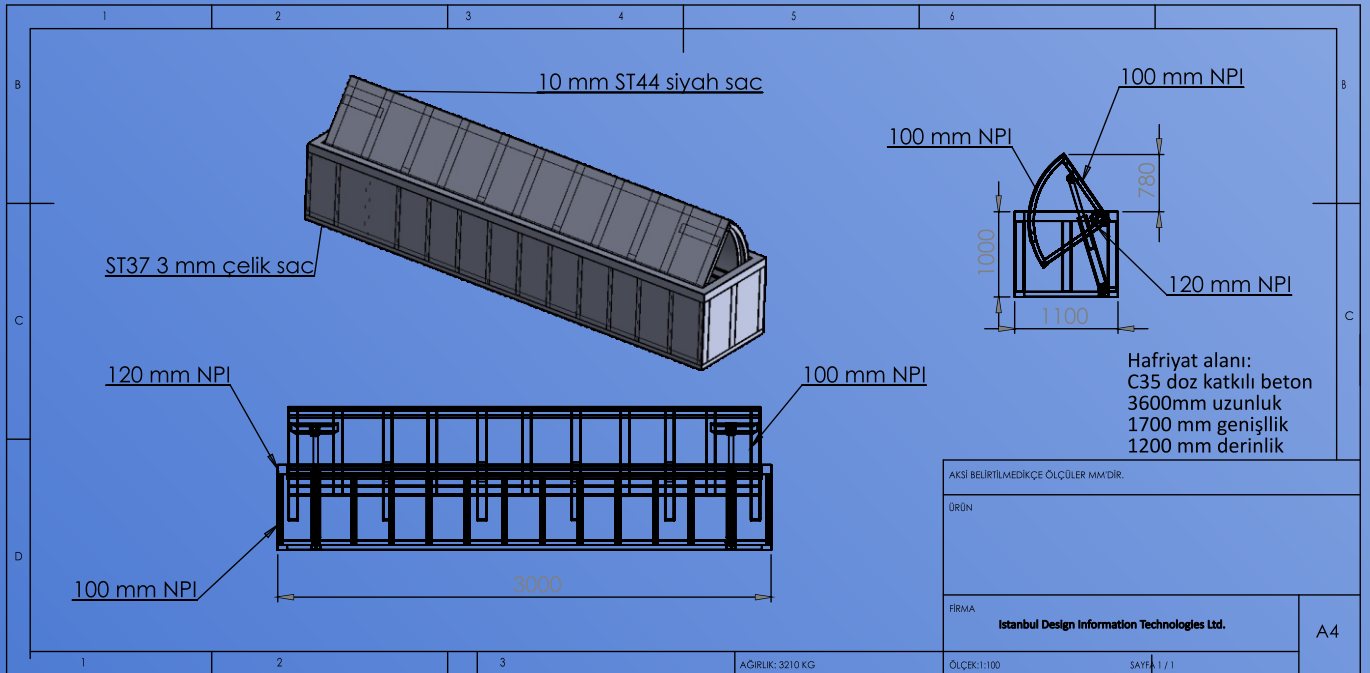


## High Security Road Blocker (Underground) - HRSB

- ◆ 10mm ST44 Steel Sheet Cover
- ◆ Hot Dipped Galvanized Steel Construction
- ◆ Manuel Lever For Energy Loss
- ◆ Different Height Options Up to 1 Meter
- ◆ Integration With Any Type of Access Control System Such as UVSS and LPR Systems.
- ◆ PLC Controlled
- ◆ Different Types of Remote Controllers (RF, GSM etc.)
- ◆ Double Wire Barbed Hydraulic Hoses
- ◆ Emergency Mode (1 Sec Rising Time) With Additional Hydraulic Unit
- ◆ Adjustable Opening & Closing Times (3-10secs)
- ◆ Different Type of Reflective Painting Options
- ◆ TSE and ISO Certified Hydraulic Fittings



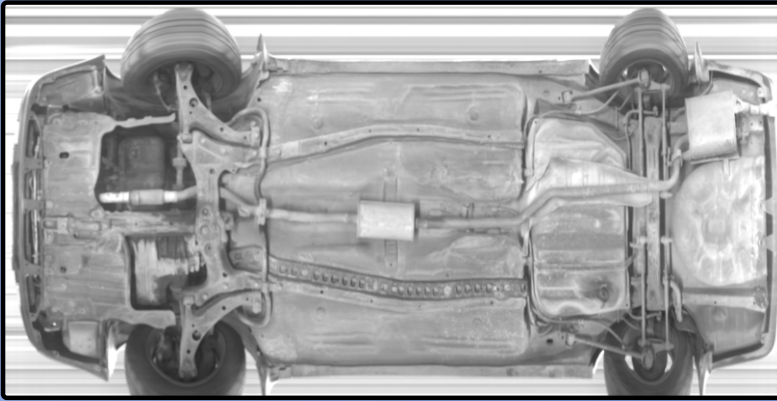
## Technical Dimensions



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## Under Vehicle Scanning System (Surface Mount) – UVSS

- ➔ UVSS is used at entry points of facilities with high security needs such as military bases, government buildings, power plants etc.
- ➔ UVSS recognizes the license plate of the car, and captures the under vehicle image of the car.
- ➔ UVSS automatically compares the under vehicle images of the car with previous passage under vehicle images of the same car.
- ➔ UVSS automatically generates alarms to the operators for foreign objects or substantial differences with previous images.
- ➔ UVSS can record every activity for detailed control and monitoring.
- ➔ UVSS can be integrated with any type of barrier system such as road blocker, bollard etc.



**Araç Bilgileri**

- Araç Plakası: 34AE2923
- Araç Markası: FIAT
- Araç Modeli: LINEA

**Ziyaretçi Bilgileri**

- Adı: ERKAN
- Soyadı: EROĞLU
- TC Kimlik No:
- Ziyaret Amacı: TRAFİK ŞUBE

ARAÇ GİRİŞİ  İPTAL

SIRA NO	ARAÇ PLAKASI	GEÇİŞ ZAMANI
773	34AE2923	30.08.2016 17:45:09
772	34AE2923	30.08.2016 17:25:14
771	34AE2923	30.08.2016 17:24:34
770	34AE2923	30.08.2016 17:23:48
769	34AE2923	30.08.2016 17:23:07
768	34AE2923	30.08.2016 17:21:50
767	34AE2923	30.08.2016 17:20:56
766	34AE2923	30.08.2016 17:20:14
765	34E2923	30.08.2016 17:17:42
764	34AE2923	30.08.2016 17:16:04
763	34AE2923	30.08.2016 17:15:19

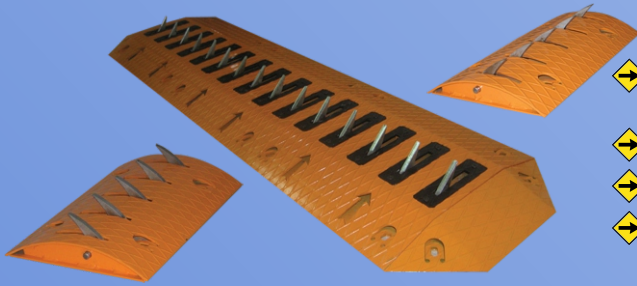
**TRANSPARK**

- KULLANICI ÖZGÜL
- AYARLAR
- KÜÇÜLT
- ÇIKIŞ
- TARA
- TEMİZLE
- İNCELE
- RAPOR

DeviceVersion: 105993-13  
FransizName: TP\_AKOS 016538781  
FullName: Baslar\_ra12048-48gm00305319388E  
IP: 192.168.2.102  
Interface: 192.168.2.100  
IPAddress: 192.168.2.102  
UpCount: 5  
UpCountPercent: 7  
MacAddress: 00305319388E  
ModelName: ra12048-48gm  
PortNo: 3996  
SerialNumber: 21653878  
SubnetAddress: 192.168.2.255  
SubnetMask: 255.252.252.0  
UserName: TP\_AKOS  
VendorName: Baslar  
# 30.08.2016 17:43:34 - Kamera Açıldı  
# 30.08.2016 17:45:08 - Fotoğraflandı  
# 30.08.2016 17:45:08 - Led ışığı, tarama başladı.  
# 30.08.2016 17:45:08 - Yaratılma Başladı  
# 30.08.2016 17:45:08 - Soru: Tarama başlandı  
# 30.08.2016 17:45:13 - Tarama Durdu  
# 30.08.2016 17:45:13 - Gözetim devreleriıyor  
# 30.08.2016 17:45:13 - Gözetim Hızlandırılıyor  
# 30.08.2016 17:45:18 - Led ve su kapatıldı.

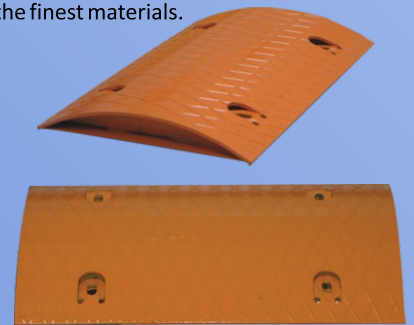
34AE2923  
30.08.2016 17:45:09  
NIZAMIYE

## Surface Mount Tire Killers and Heavy Duty Steel Speed Bumps



- Transpark Surface Mount Tire Killer is used to prevent unauthorized vehicles from entering a protected and secure area
- Accompanied by special tools to keep it open or closed
- Very easy and quick mounting compared to below surface tire killer types
- The blades descend down together on the same time to avoid causing damage on the tire and therefore it required continuous clearance and maintenance
- The tire killers are extremely durable and reliable as it is built to very high manufacturing standards with the finest materials.

- Transpark Steel Speed Bumps are made from high impact galvanized steel and therefore require no maintenance. The bumps are cleaned and polished every time a vehicle passes over them.
- Steel speed bumps can be used at any road surface where higher speed than the indicated speed limit occurs, or at dangerous intersections.
- Galvanized high-impact steel construction provides no maintenance for 20 years.
- Quick and easy to install.

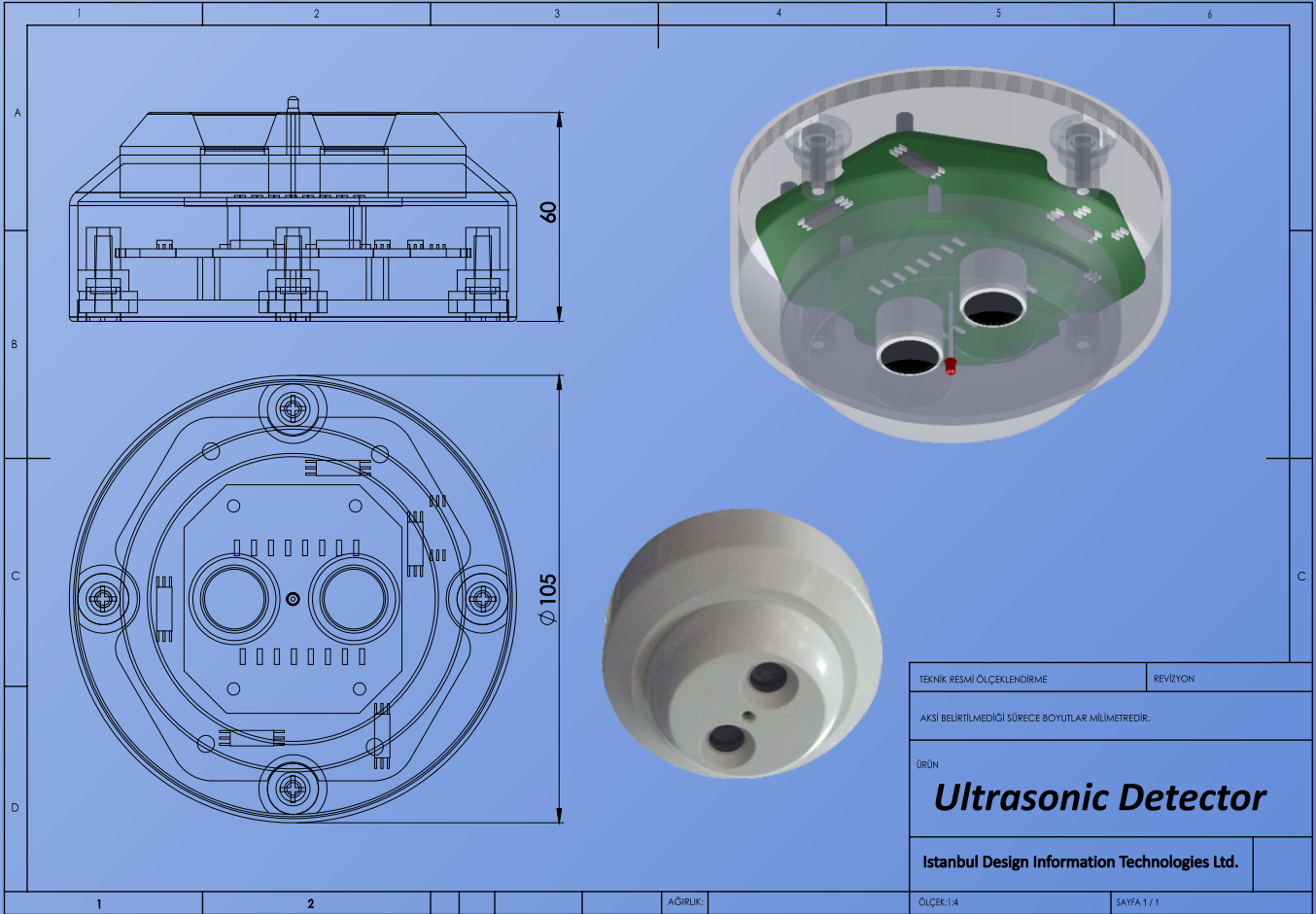


## High Security Tire Killers (bi-directional)



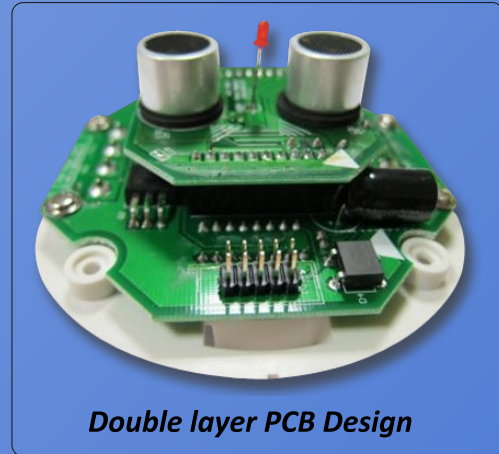
- Intensive use, minimum 5000 opening-closing cycles per day,
- Microprocessor based control unit,
- Inductive loop dedector and photocell integration,
- Smooth mechanical operation with the integrated hall sensor unit,
- Working temperature: -20°C ~ +70°C
- In power failure, easy to lift barrier arm,
- Power Supply: 100/120, 220/240VAC 50/60Hz,
- Adjustable opening and closing times: 1 – 5s,
- For safety, optional integration of traffic light, photocell unit and signal light,
- 16cm Long Steel Spikes Resistant to Impacts of Heavy Weight Vehicles
- Very Silent Mechanism With Vibration Mounts
- With Specially Designed Self-Cleaning Mechanism Five Years Long Service Period
- Dimensions  
Length: 350cm Width:43cm Depth:35cm

## Parking Guidance Systems – Ultrasonic Detector



## Technical Dimensions

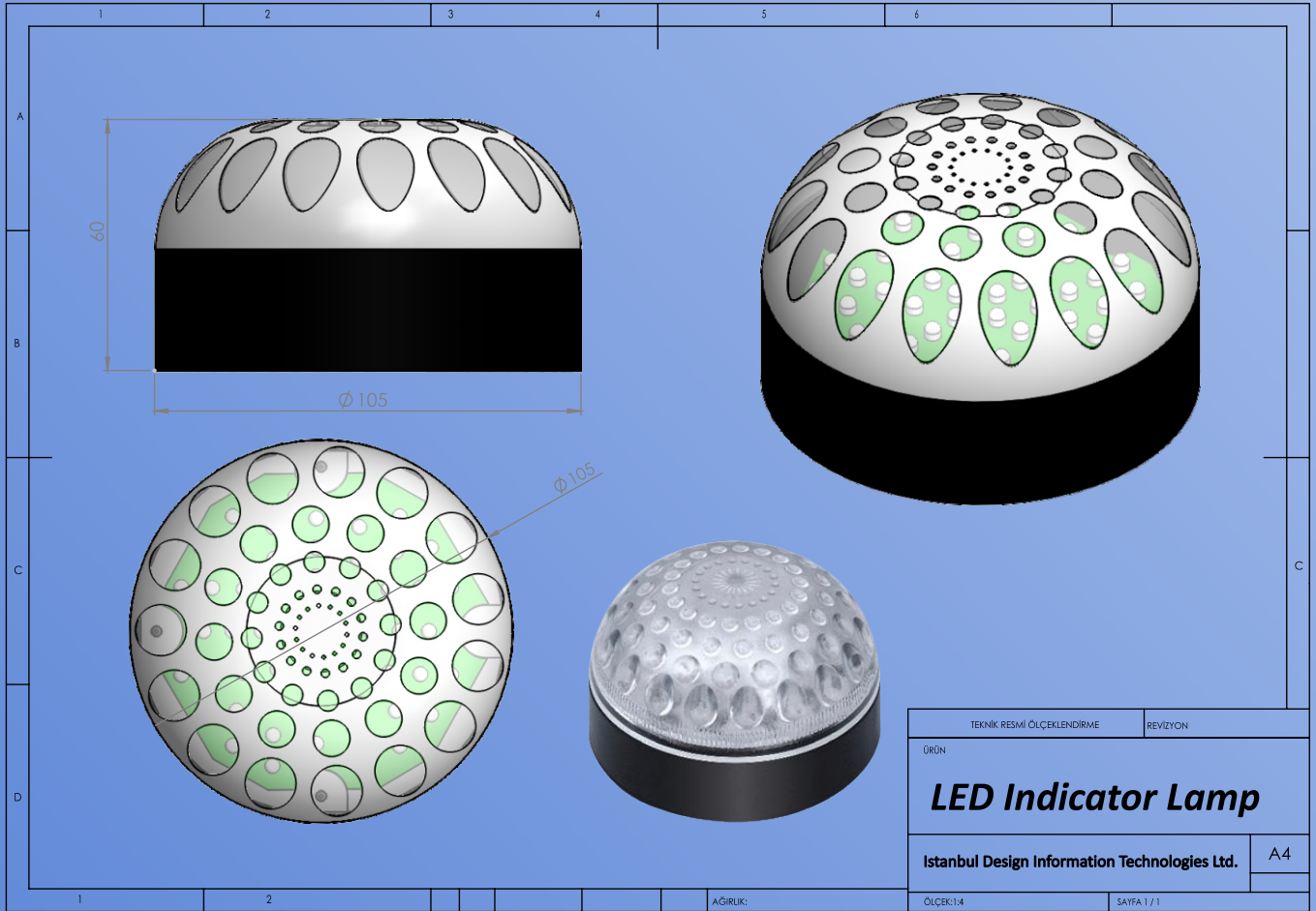
Operating Voltage	:DC15-24V
Power Consumption	:0.5W
Detection Method	:Ultrasonic
Detection Distance	:0.3m-4.5m
Detection Range	:±15°
Working Temperature	:-10°C ~ +55 °C
Communication Interface	:RS-485
Communication Baud Rate:	9600bps
Address Encoding	:DIP switch settings
Size	:105mm * 105mm * 60mm
Weight	:0.3 Kg



**Double layer PCB Design**



## Parking Guidance Systems – LED Indicator Lamp



### Technical Dimensions

#### **Zonal Controller**

Working Power: 220VAC $\pm$ 10%, 50 $\pm$ 1Hz  
Output Power: DC24V/3A  
Power Consumption:  $\leq$ 10W  
Processor: ARM12  
Upwards Communication method: Upwards: CAN,  
Downwards: RS485  
Raud Rate :Upwards 20Kbit/s, downwards 9600 bps  
Communication distance: Upwards 1500m, downwards 400m  
Maximum Loading Detector Q'ty:  $\leq$ 96 set  
Maximum Loading LED Display Q'ty:  $\leq$ 24 set  
Working Temperature :-30 $^{\circ}$ C ~ +70  $^{\circ}$ C  
Communication Baud Rate: 9600bps  
Max. Communication Distance: Upwards 1500m,  
Downwards 400m  
Size :105mm \* 105mm \* 60mm  
Weight :6kg

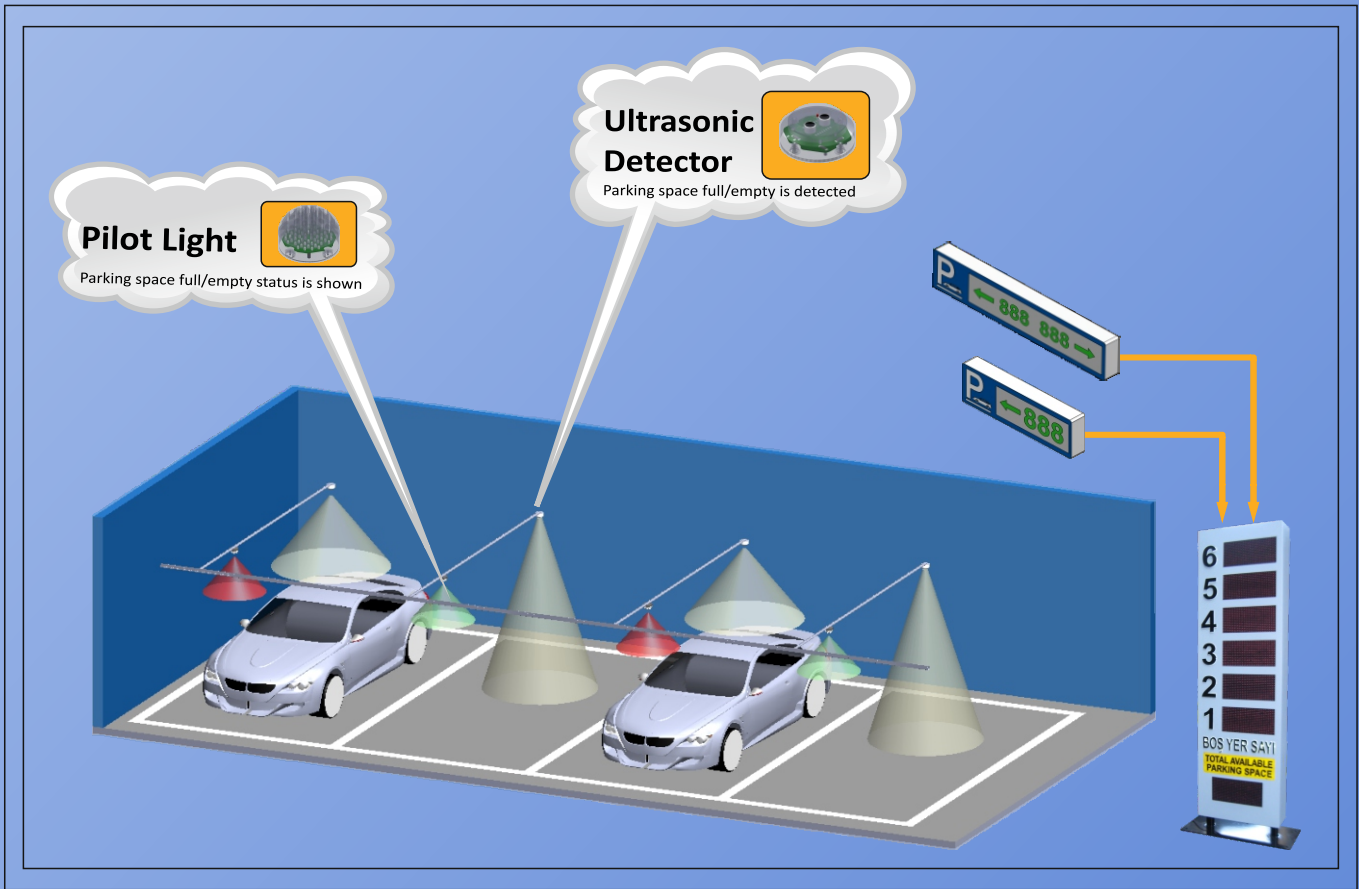
#### **Pilot Light**

Light Color :Red&Green  
Operating Voltage :DC15-24V  
Power Consumption :0.36W  
Working Temperature : -10 $^{\circ}$ C ~ +60  $^{\circ}$ C  
Size : D:75mm H: 50mm  
Weight : 0.2Kg

#### **Data Concentrator**

Operating Voltage :AC220V $\pm$ 10%  
Power consumption:10W  
Baud rate :9600 bps  
RS232 port q'ty :1  
RS485 port q'ty :6  
Max control :128 pcs of zone controller

## Parking Guidance Systems – System Diagram



## Parking Guidance Software

### Management;

4 Levels of Access: Super User, Administrator, Operator, User

### Intelligent Alarm;

System's Self Check Feature alarms where there is a malfunction at an easy to repair and maintain level the system alarms if a car parked more than preset time

### Automatic Data Acquisition;

The host system acquires the sensor data continuously, and analyzes the current status of car park spaces, records the vehicle in and out times.

### Configuration Diagram;

Electronic map shows the current car park information with with different colors to mark different type of vehicles to distinguish the time of vehicle parking.

### Intelligent Guidance;

Intelligent guidance logic switches automatically or manually according to traffic flow.

Rushing Hour – Guide to reduce general car park traffic flow.

Normal Hour – Guide to the nearest car park

### Reservation of Car Park;

Possible to make a reservation for a car park. The reserved areas pilot lights turn to Red or Amber.

### Software Platform;

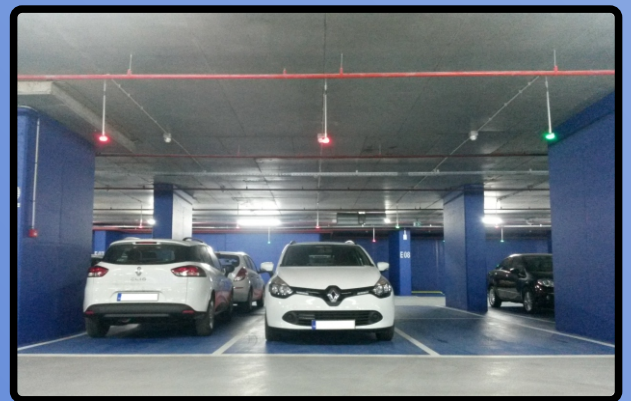
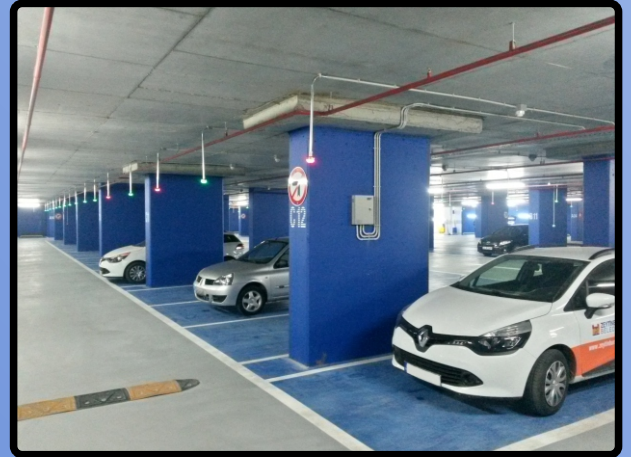
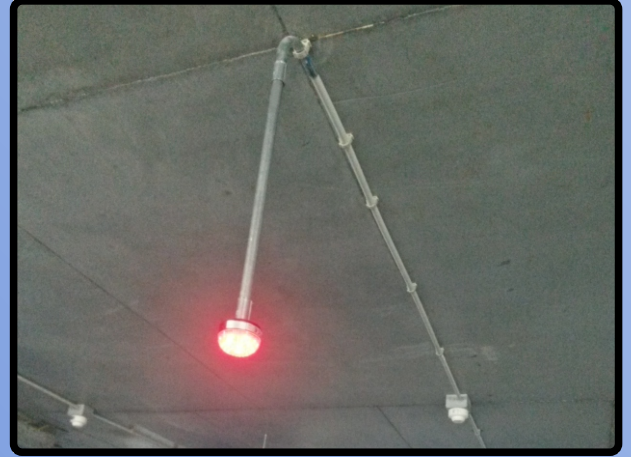
Development Based On .NET Platform

SQL Server Database For Stability, Scalability and Security

Windows XP/WIN7/WIN8



**Parking Guidance Systems – Gallery**

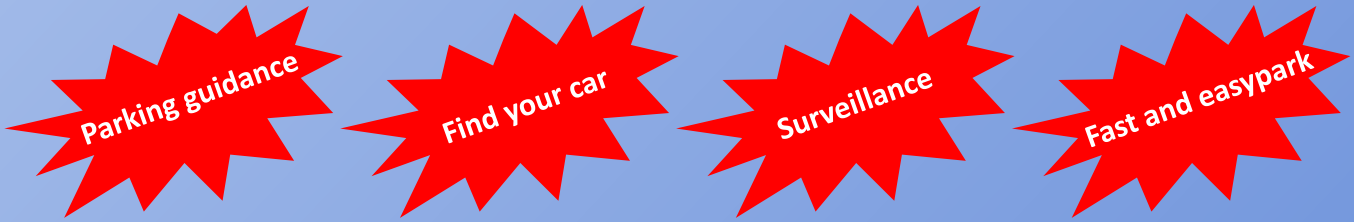


**Some of our references are listed below.**

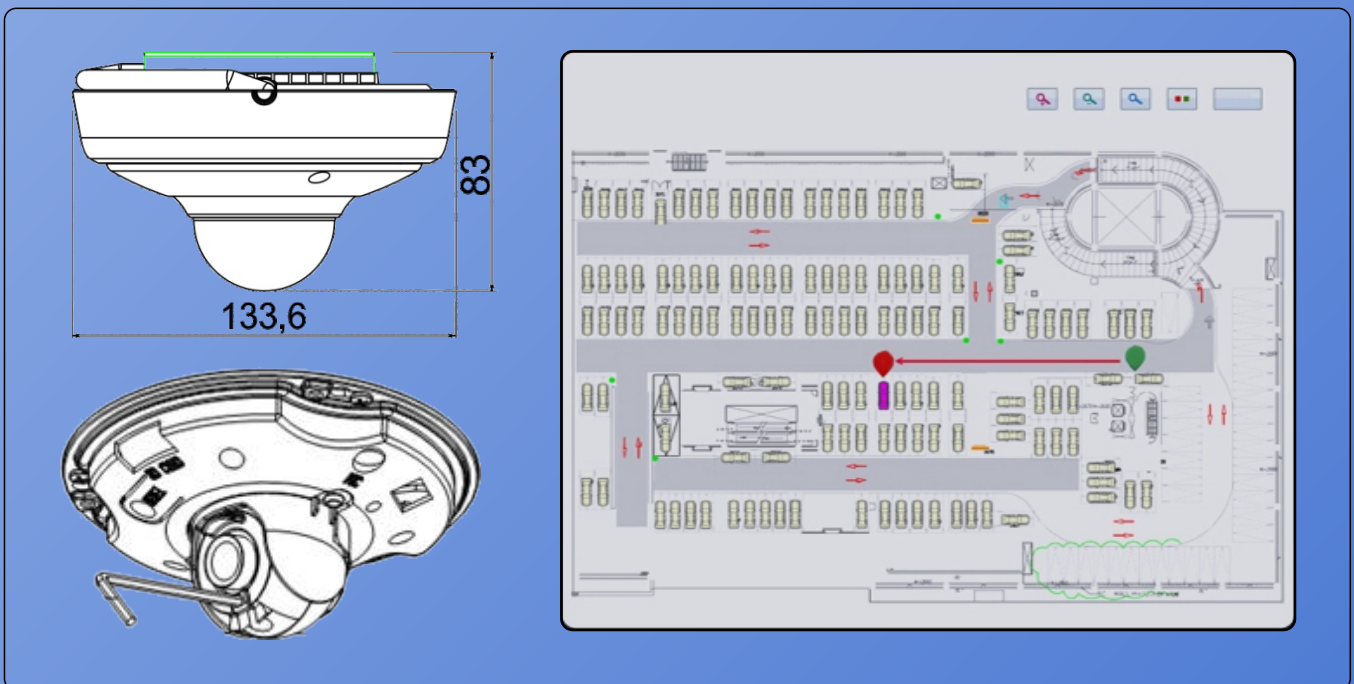
Başakşehir Stadium / ISTANBUL  
Bulvar 216 / Atasehir - ISTANBUL  
Denizli BUS Station / DENIZLI  
Sisli Vocational School / ISTANBUL

Ankara Chamber Of Commerce / ANKARA  
Sarphan Finans Park / ISTANBUL  
Meydan Parking / ISTANBUL  
Ordu/Giresun Airport / ORDU/GIRESUN

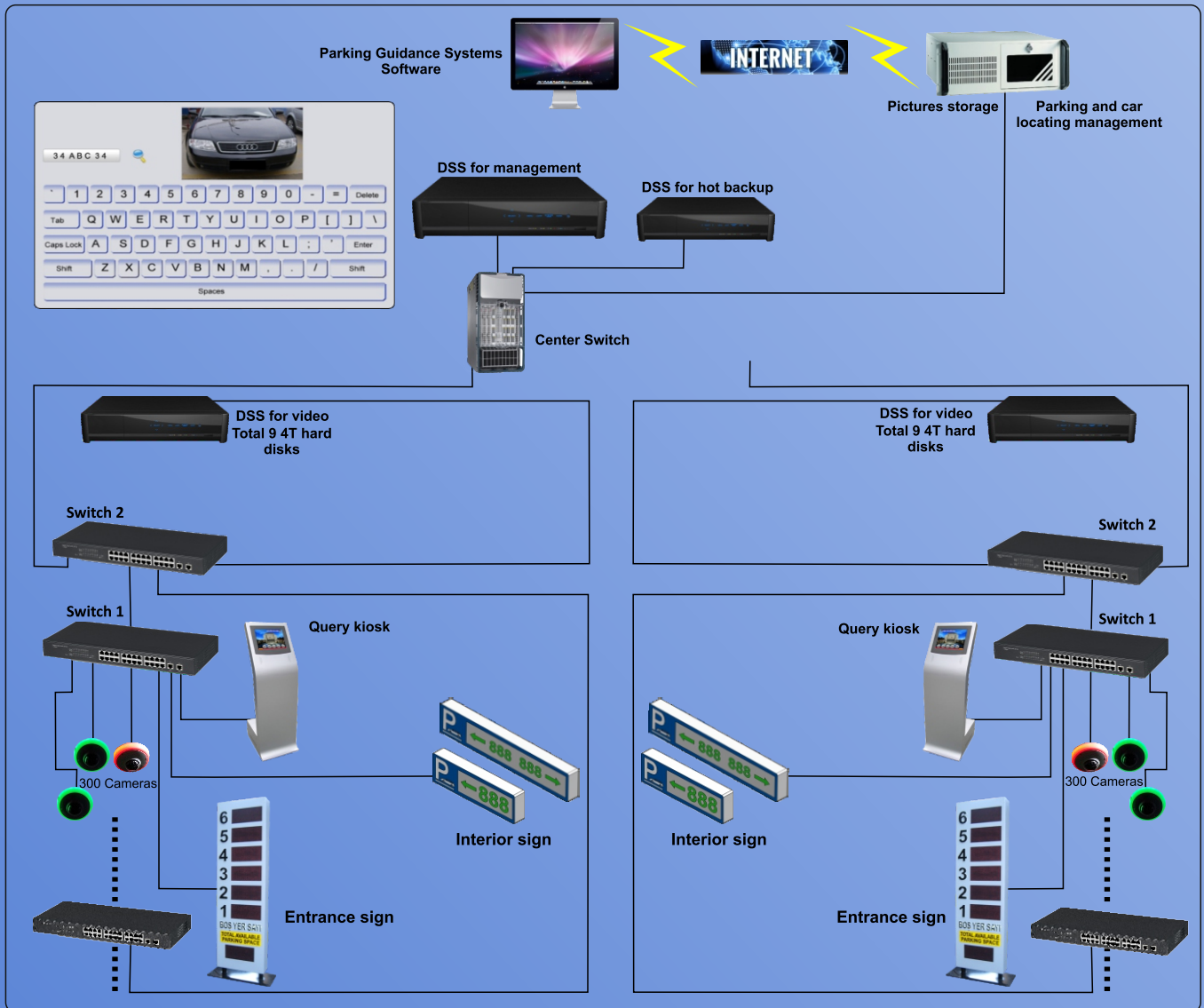
## Camera Parking Guidance System – System Diagram



## Technical Dimensions



## Camera Parking Guidance System – System Diagram



- ◆ The real-time video can be recorded and sent to the network storage server
- ◆ The real-time video can also be monitored by the administrator
- ◆ Increase safety and reduce disputes in the carpark
- ◆ Secure your car

### Step 1

- ◆ Camera unit detects bay occupancy
- ◆ Cameras detect car within each space
- ◆ LED-based space indicators change color to reflect the status of the parking space
- ◆ Can recognize 2 parking lots at the same side & at the same time
- ◆ Can also recognize the license plate

### Step 2

- ◆ Signage directs car to available space
- ◆ Electronic display boards indicate the direction and quantity of available parking spaces
- ◆ Signage is updated in real-time

### Step 3

- ◆ Real-time reports used to manage spaces
- ◆ Improved parking management
- ◆ Monitor car parking demand in real-time

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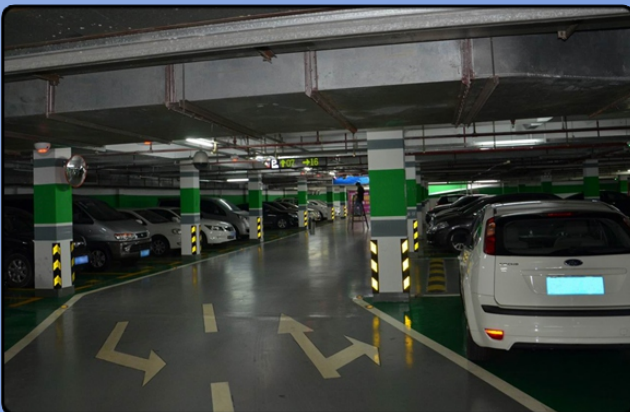
## Camera Parking Guidance System – Gallery

Parking guidance

Find your car

Surveillance

Fast and easypark



## Camera Sensor Parking Guidance and Park Location Reminder System Main Features

### **TRANSPARK Camera Sensor Parking Guidance and Park Location Reminder System;**

As being one of the most modern and efficient systems of the world, TRANSPARK Camera Sensor Parking Guidance System is applicable for shopping malls, airports, plazas, bus and train stations and hotels.

The system monitors the empty spaces continuously and guides the drives to the shortest distance park space by minimizing the stres and CO emission.

### **The system can be customized to control lighting and ventilation systems.**

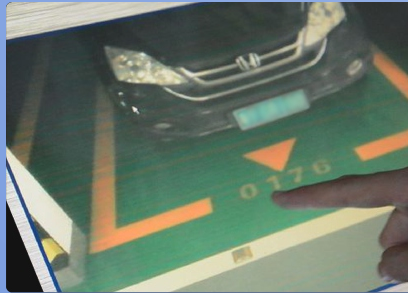
- ◆ By using Variable Message Signs, the drivers are informed with empty space count in their zones, and guided to the nearest space using the Dynamic Arrow Signs.
- ◆ By using 360 Degrees Red/Green Pilot Lights, the drivers are informed with empty spaces in their parking corridor.

## Camera Parking Guidance System – Find your car

Search With Park Space Number



Search With Park Space Number



Search With Parking Time



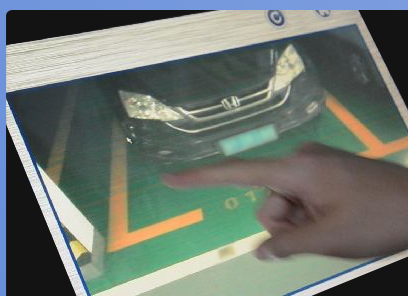
Search With Parking Time



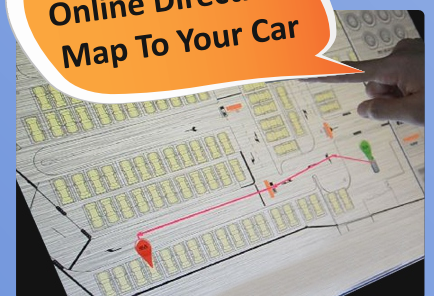
Search With License Plate Number



Search With License Plate Number



Online Directions Map To Your Car



### Technical Dimensions

<b>Brand</b>	: TRANSPARK
<b>Originality</b>	: (Special Design)
<b>Touch Screen Size</b>	: 17' / 19'
<b>Operating Voltage</b>	: 50Hz AC 220V
<b>Energy Consumption</b>	: 40W
<b>Communication Type</b>	: Ethernet TCP/IP

Fast and Accurate Guidance System For Empty Spaces

Reduced CO Emission by %40 Increased Customer Satisfaction

## Car Park Management Systems Gallery



PASHA Construction / BAKU-AZERBAIJAN



Sederek Trade Centre / BAKU-AZERBAIJAN



International Bus Station / BAKU-AZERBAIJAN



International Bus Station / BAKU-AZERBAIJAN



International Airport / NAKHCHIVAN



International Airport / NAKHCHIVAN



## Car Park Management Systems Gallery



Istanbul University, Capa Medical Faculty - ISTANBUL



Demirpark AVM / ZONGULDAK



Ottopark / ANKARA



Harem BUS Terminal / Harem - ISTANBUL



Meydan Parking / Zeytinburnu - ISTANBUL



Yedpa Trade Center / Atasehir - ISTANBUL

## Bollard (With Integrated Hydraulic Unit) – Gallery



## *High Security Road Blocker (Underground) - HRSB Gallery*



**Nakhchivan International Airport / NAKHCHIVAN**



**Meydan Parking - Zeytinburnu / ISTANBUL**



**BAUHAUS - Beylikdüzü / ISTANBUL**



**PASHA Construction - BAKU - AZERBAIJAN**



**Yedpa Trade Center - ISTANBUL**



**TASYAPI - Gayrettepe / ISTANBUL**



**TEKNOPARK ISTANBUL - Pendik/ISTANBUL**



**TEKNOPARK ISTANBUL - Pendik/ISTANBUL**



**Belsa Plaza - IZMIT**



**DHMI - TRABZON Airport**



**DHMI - HATAY Airport**



**Nokta Carpark - Zeytinburnu / ISTANBUL**



**Istanbul Dizayn Bilgi Teknolojileri Danismanlik Bilgisayar ve Elektronik Sanayi ve Tic.Ltd.Sti.**



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