


# Perkotek

*"Everything is Under Control"*

**AVAX<sup>®</sup>**  
**CAR PARK OGS HGS**  
**FAST PASSING SYSTEMS**

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## CAR PARK OGS HGS FAST PASSING SYSTEMS

Car parking HGS passing systems which designed to make parking entrances and exits faster and safer are becoming increasingly important. Especially vehicles, which are previously approved for the entrance and exit of the buildings, estates and workplaces are allowed to pass quickly and provide controlled passings for foreign and visitor vehicles. .

Automatic passing system content units ; Car Parking barrier, OGS - HGS parking antenna, automatic vehicle access control panel, vehicle glass and license plate labels and parking entrance and exit programme.

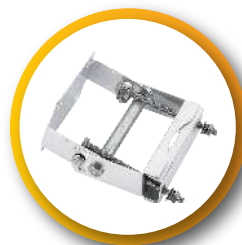
How does the parking lot OGS and HGS system work?

UHF Antennas capable of reading up to 50 meters are installed to the car park entrances and exits. OGS / HGS sticker paper or plastic labels are given to vehicles to be allowed to pass. These labels are identified with the license plate, vehicle license information, floor owner information and other details in the parking lot access control program.

Defined vehicle information is sent to the parking lot access control panel via TCP / IP connection. The system is now ready to use, parking antenna sees the car that wants to pass with the defined label and triggers the car parking barrier, allows the vehicle to enter or exit fastly without stopping. The foreign or guest vehicles which have no defined OGS HGS label can not pass.



## Avax 730 OGS-HGS Antenna

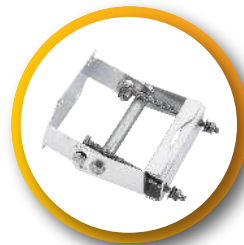


OGS - HGS system is a network based car park entrance and exit antenna that can read vehicle labels from long distance. It is 100 % waterproof and operates without being affected by the weather conditions. This antenna, which is very simple to use, is located in the areas where the vehicles will enter and exit. By reading the labels on the vehicles, it has been provided that vehicles can enter and exit in a simple and fast way.

## Technical Specifications

<b>Brand / Model</b>	AVAX 730 OGS HGS CAR PARKING ANTENNA
<b>Frequency</b>	ISM 902 ~ 928MHZ (FCC), 920 ~ 925MHZ (CHN) or 867-870MHZ European Compatible FHSS or Fix
<b>RF Output Power</b>	Adjustable with 0 ~ 30dBm programme
<b>Communication</b>	TCP / IP, RS232, RS485, Wiegand26 / 34
<b>Reading Distance</b>	0-50 m (depends on UHF HGS / OGS label)
<b>Buzzer</b>	Can give audible alerts when passing
<b>Internal Antenna</b>	Gain 12dbi
<b>Feeding</b>	DC + 9v AC - DC Adapter, current consumption of less than 3A
<b>Protocol</b>	ISO18000-6B, ISO18000-6C (EPC GEN2)
<b>Dimensions</b>	445m x 55mm x 445m
<b>Weight</b>	6 kg.
<b>Operating temperature</b>	In between (-60 ) to (+85 )degrees smoothly

## Avax 725 OGS-HGS Antenna



It is a car park entrance and exit antenna that can read OGS - HGS system vehicle labels from long distance. It is 100% waterproof and operates without being affected by the weather conditions. Thanks to the car parking antenna, it will not have to open the car park entrance barrier continuously as the vehicles arrive. It weighs approximately 1.2 kg

## Technical Specifications

<b>Brand / Model</b>	AVAX 725 OGS HGS CAR PARKING ANTENNA
<b>Frequency</b>	902-928,856 ~ 868 (MHz) European Compatible FHSS or Fix
<b>RF Output Power</b>	Adjustable with 0 ~ 30dBm programme
<b>Communication</b>	TCP / IP, RS232, RS485, Wiegand26 / 34
<b>Reading Distance</b>	0-35 m (depends on UHF HGS / OGS label)
<b>Buzzer</b>	Can give audible alerts when passing
<b>Internal Antenna</b>	Gain 9 dbi
<b>Feeding</b>	DC + 9v AC - DC Adapter, current consumption of less than 3A
<b>Protocol</b>	ISO18000-6B, ISO18000-6C (EPC GEN2)
<b>Dimensions</b>	260×260×45 mm
<b>Weight</b>	1,2 kg.
<b>Operating temperature</b>	In between (-60 ) to (+85 )degrees smoothly

### Strike MX4 Car Parking OGS Control Panel



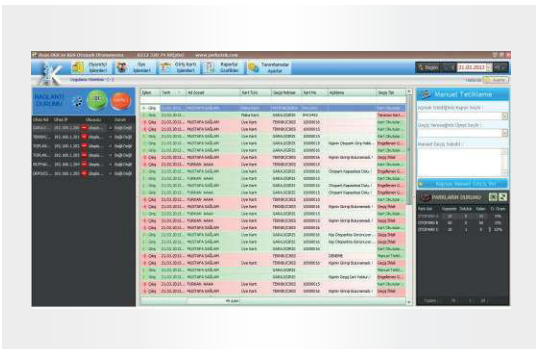
<b>Feeding</b>	12-24V DC Max.250mA
<b>Ethernet</b>	100 Mb Ethernet Connection
<b>Weigand Output</b>	4 pcs Wiegand Ports (26,34 bit auto detection)
<b>Reader Relay</b>	2 pcs Relays (10A - for readers)
<b>Other Relay</b>	1 pcs Relay (10A - for buzzer and alarms)
<b>Card Read Time</b>	Adjustable Same Card Read Time (Global)
<b>Log Capacity</b>	131,000 Records (recoverable after deleted)
<b>Anti-Passback</b>	Global Anti-Passback is available

### AVAX 721 Car Window HGS Tag



<b>Frekans</b>	860 ~ 960 MHz
<b>Standard</b>	ISO18000-6C (EPC-Gen2)
<b>Chip</b>	Alien H3
<b>Working mode</b>	Reading and writing
<b>Reading Distance</b>	0-50 meters
<b>Writing Distance</b>	0-10 meters
<b>Information Storage</b>	10 years
<b>Place of use</b>	Vehicle windows
<b>Dimensions</b>	90mm x 19mm
<b>Operating temperature</b>	(-60) to (+85 ) degrees

### Avax Car Parking Control Programme



Our Avax OGS and HGS programme was developed by us and allows you to make additional modules and preparing software. Avax OGS and HGS programme has a healthy usage content in every area where vehicle control is required in the sites and parking lots. Avax OGS and HGS programme runs online. The login screen of our program is encrypted and it is opened with an encrypted login and different database selection interface according to the authorization class. Instant information can be followed by means of easy and understandable interface of our program.