GATECON – AUTOMATIC ENTRY AND EXIT SYSTEM

- **Video-detection system for entry and exit control and its recording**
- **Recognition of licence plates**
- **Possibility for upgrading by detection of exceeding the vehicle permitted height**
- **Instant visual control**
- **Variability of application**

General Description
GateCon is an automatic system with ability to recognise the vehicle licence plate numbers. It enables effective control and registration of entries and exits from parking places of above-ground and also underground garages and supervised car parks of companies and other closed objects.

The GateCon system can be easily adjusted to the user's requirements with minimum demands on control.

With covered parking places an upgrade by infrared sensors for measuring the height of incoming vehicles preventing entry to vehicles exceeding the limit is appropriate. If the height limit is exceeded the operator is notified by acoustic alarm, voice output or text report.

Basic Technical Description
The system is composed of cameras supervising the vehicle entrance or exit area, the evaluation unit and a computer with the appropriate SW connected to the automatic barrier system, electronically controlled gate or to other system with a similar purpose.

The camera scans the vehicle to the control point, while the computer automatically detects its licence plate number and identifies the characters in its field. Image in-

CCD kamera

formation is converted into text files suitable for subsequent comparison with the internal database. The passage of vehicles is automatically archived and sorted by date and time, which can be used as the evidence for utilisation of the fleet.

Installation work depends on a location and condition of parking area, where the already established and well tested practices during installation of the system with safety features of gate closing have to be enforced.

The system allows processing of signals from 1–16 cameras simultaneously and ensures high reliability in their optimum settings.
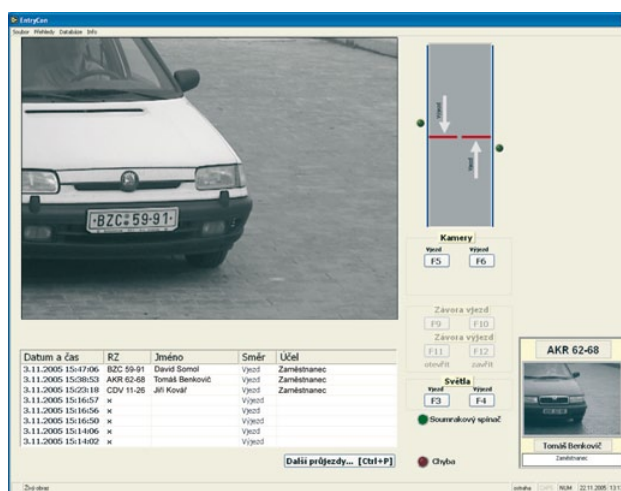
Basic Technical Parameters

Surveillance and detailed cameras	colour CCD
Software	GateCon
Power supply	230 V, 50 Hz
Backup system	optional UPS

Entrance system – Trinec ironworks

Entrance system – AŽD Praha Company Head Office

System graphic interface

PRAHA