

LICENSE PLATE RECOGNITION SYSTEM



The automatic parking system Qntra Park offers an opportunity for additional access control and easier management database. This is accomplished by integrating a recognition system of entered and exit cars through controlled zone. License Plate Recognition is a technology that uses optical character recognition on images to read vehicle registration plates. We offer you the ultimate license plate recognition technology of the highest quality on a competitive price.



APPLICATIONS:

Office buildings

Airports

Hotels

Mixed-use development

Shopping malls

Banks

Hospitals

BENEFITS:

- Improved security for both car park operators and car park users
- Improved Performance and Efficiency
- Fast, easy and simple use
- Potentially monitor traffic flow more accurately

ADVANTAGES:

- High-Definition resolution delivers images captured in accurate and precise detail
- Enhancing security, road safety and access control
- Increased reliability with support for different size plates, different syntax and distorted images of signs
- Allows smooth and trouble-free operation
- Special LPR cameras that reproduce high-quality images at affordable prices

FUNCTIONS:

- Automatic authorization after recognition of the number by the system
- Statistics of the entered and exit cars, based on registration number
- Automatic ban on business cards on car registration number at systematic violations
- Prevent the use of cards from another vehicle
- References of the period with pictures and registration number of the car
- Additional protection against theft of cars from the parking area (Tracking vehicle registration number, based on card number or entrance ticket)
- Online monitoring with photos of entrance, exit zones
- Automatic recognition of the registration numbers of vehicles in free flowing traffic

BASIC FEATURES:

- Data entry with high speed, accuracy and minimize errors
- Hardware independence: compatible with any source of image (analog, digital and still images, MJPEG video streams)
- Recognition of a state, region and type of plate

SOFTWARE SPECIFICATIONS:

Supported operating systems:

Windows (32/64 bit), Linux (32/64 bit)

System requirements:

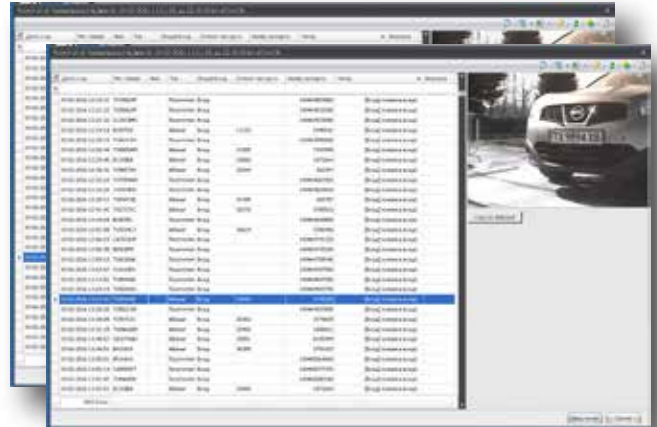
1 GHz CPU, 512 MB RAM, 1 GB HDD, free slot for NNC

Types of recognition plates:

Recognition regardless of country or type of plate
Character recognition of Latin, Cyrillic, Arabic, Chinese and Korean,
recognition of country and region (optional)

Trigger:

Is not needed, but is recommended when the recognizing stances of real time video



TECHNICAL SPECIFICATIONS:

- Sensor: (WVGA) B&W, (1.3 MP) Color, Progressive scan CMOS 1/3"
- Filter: (WVGA) IR pass (from 720 nm) (1.3 MP) IR cut/ all pass
- Video output format: JPEG, MJPEG stream
- Communication interface: 100 Mbit/ sec ethernet
- Light sensor: Configurable for switching day/ night mode
- Lens type: 6-36 mm motorized
- Iris, Focus, Zoom: Automatic motorized day/ night mode
- Effective range for ANPR: 3-12 m
- Type: 4 pieces of high quality SMD IR LEDs Controlled and synchronised flash
- Wavelength: 850 nm
- Intensity: 2 preconfigured modes (Normal, High)
- Flash time: Software adjustable, up to 950
- Input voltage: 12 VDC (power supl.: optional)
- Power consumption: Avg. 8W, Max 10 W
- Dimensions (including sushield): L 171 mm, W 120.4 mm, H 95.1 mm
- Dimensions (w/o sushield): L 237.5 mm, W 132.2 mm, H 100.6 mm
- Working temperature: Starting from -25 C/ -4 F
- Maximum working temperature: +55 C/ 130 F
- Conformity: CE, RoHS