ZKBioAccess is a set of applications for License plate recognition with Access Control Management to use with ZKTeco Standalone terminals, Access Control Panels and barriers. It includes a Windows Service with an application interface to use together with VPar Server by Neural Labs.

VPAR provides a system for detecting and reading License Plates from Cars, Containers and Trains ID or Hazard Plates, with the maximum reading reliability, thus offering an immediate time-tomarket.

- $98 \%$ or bigger reliability rating on LPR
- Recognition of 2-line vehicle plates
- Possibility of providing up to 8 vehicle plates in one image
- Integration with ZKTeco and 3rd Party IP cameras and NVR's
- Duplicated license plate filtering
- Integrates its own database
- Access Control Linkage with ZKTeco Parking barriers
- LPR from vehicles in movement (Free-Flow) or stopped (Stop \& Go).


## System Configuration



System Requirements


| Supported OS | Windows XP or higher |
| ---: | :--- |
| Hard disk | 100 MB free space |
| Monitor Resolution | $960 \times 640$ px |
| Database | MS SQL Server Express 2005 or higher |
| Other | Microsoft Framework. NET Runtime version <br> 4.0 CP or higher. |
| Required Hardware | $\geq 1 \times$ ZKTeco Access Control device <br> $\geq 1 \times$ IP Camera (ZKTeco or 3rd party) |
| Standard features | Duplicated license plate filtering, Shadow <br> killer, Slant Detection, Perspective correction <br> tools, Recognizes motorcycles (2 lines plates) |

## Supported Countries

| ALBANIA | BULGARY | ELSALVADOR | HONDURAS | MAOROCCO | POLAND | SWEDEN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ANGOLA | CANADA | ESTONIA | HONG KONG | MEXICO | PORTUGAL | SWITZERLAND |
| ARGENTINA | CHILE | FILIPPINES | HUNGARY | NETHERLANDS | ROMANIA | TUNISIA |
| AUSTRIA | COLOMBIA | FINLAND | INDONESIA | NICARAGUA | RUSSIA | TURKEY |
| BELGIUM | COSTA RICA | FRANCE | IRELAND | NIGERIA | SENEGAL | UNITED KINGDOM |
| BERMUDA | CYPRUS | GERMANY | ISRAEL | NORWAY | SINGAPORE | URUGUAY |
| BOLIVIA | DENMARK | GIBRALTAR | ITALY | PANAMA | SLOVENIA | USA |
| BOSNIA \& HERZEGOVINA | DOMINICAN REPUBLIC | GREECE | LIBANO | PARAGUAY | SOUTH AFRICA | VENEZUELA |
| BRAZIL | ECUADOR | GUATEMALA | MALAYSIA | PERU | SPAIN | VIETNAM |

