



Complete Vision Solutions

VEGA ACCESS

Automatic Number Plate Reader



Integrated ANPR for Access Control applications

FEATURES

- All in one system: camera, analyser, IR illuminator
- Embedded solution: OCR Software on board
- All european countries on board
- Worldwide countries available
- Black/White list management
- Range of action: 3.5 mts width - 6mts distance
- Storage: SD Memory up to 32 GB
- Ethernet interface for supervised architecture
- Configuration and set-up by web server on board
- IP 66 housing

Typical Applications

Automatic Parking



Crime Prevention



Toll Systems



Security & Access Control



Logistics & Customs



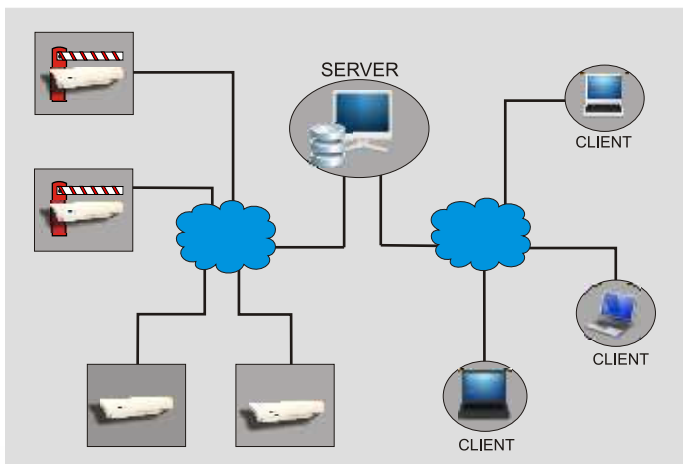
VEGA Access

Automatic Number Plate Reader

SOFTWARE FEATURES	
NUMBER PLATE	
Country	All European Countries Worldwide countries available
Types	IR-Reflective number plate models
Results	Number Plate Character string and/or image (JPG compressed)
Color	Monochromatic, 256 grey levels
RECOGNITION	
ANPR Software	Proprietary Number Plate Recognition Software
Font – Pattern	Matching of font and geometric string layout control
Sensitivity	Configurable gain, shutter & strobe
Results	Read, Not_Read, No_Plate (triggered mode only)
USER INTERFACE	
Interface	Graphical toolbar menu interface– Web browser interface
Configuration	Easy LAN connection and configuration via Integrated Web Server, login and password protected
Permission	Administrator, Operator and Guest levels
DATA DOWNLOAD AND COMMUNICATION	
PC/Server functioning	FTP Client vs. Remote FTP Server(s) for Images and Data Download. Alternatively: transmission of commands to VEGA and data from VEGA through the TCP/IP socket. Fully configurable addressing table according to results
Parking SW Management	Images and Data transmission to PC station with Software installed (Tattile's Application).
Data message customization	String syntax fully configurable for integration with access control systems or third party software
Data transmission	Ethernet

TECHNICAL FEATURES	
SYSTEM	
CPU	ARM Freescale 256 MB DDR2
Operating System	Embedded TOS (Tattile Operating System)
Storage	SD Cards up to 32 Gb
DIGITAL CAMERA	
Image Sensors	B/W CCD 1300x1000pixels
Illuminator	IR 850 nm According to EN 60825-1
Optics	CS Mount Lens
RANGE OF ACTION	
Distance	Up to 6 mts
Width	Up to 3.5 mts
DIGITAL I/O	
Input	1 Optoisolated inputs
Output	2 relè Output
COMMUNICATION	
Ethernet 10/100 Mbps	TCP, UDP, FTP, HTTP, DHCP
RS 485	1 line half duplex baud rate 1200:115200
DIMENSIONS & POWER SUPPLY	
Operating Temp.	-10° to 55° C -40° to 55°C (available on request)
Operating Humid.	10 to 90% non cond.
Storage Temp.	-20° to 65° C
Storage Humidity	10 to 90% non cond.
Dimensions	123 x 109 x 400 mm (W x H x L)
Weight	3 Kg
Protection level	Weatherproof standard IP66 according to EN 60529
Power Consumption	24 Vdc +/- 10%, 6W

Typical Architecture



Side View