KLIS CONTEXT-LPR
Automatic Number Plate Reader

KLIS CONTEXT-LPR is the integrated automatic system for license plates reading, especially developed for Free Flow and high speed tracking applications. A second camera on board takes the context picture. Embedded Auto trigger capability push the free run vehicles detection up to 250 km/h. This performance makes the camera perfectly suitable for the modern Free Flow tolling system and for traffic monitoring. The sensor, makes this double head device useful instrument to provide license plate images joined by the synchronized context image.

FEATURES

- 5 MP Sensor
- Range of action: up to 25m
- On board web server
- Real time processing: up to 75 fps
- Data transmission towards two different IP address
- Integrated[1] with **Genetec**

- Number plates list management on board
- Free run vehicles detection up to 250 km/h
- Web server configuration and setup
- SD Memory Card up to 32GByte
- No external trigger required
- Waterproof IP66 housing with bracket included

[1] With Software KLIS CITY&CARS (Transit module included for up to 2 cameras)

TECHNICAL SPECIFICATION

Licence Plate Recognition	
OCR	ANPR engine on board
Grabbing	Up to 75 fps
Configuration	
Web Server	Installation and configuration by Web Server on board
TCP/IP Server	Configuration and monitoring through TCP/IP protocol
Date and Hour	Synchronization via SNTP protocol
Software Update	Upgrading via Web Interface and SDK
Data Transmission	
FTP	FTP Client to FTP Server mode for remote data transmission; two IP address management
TCP/IP	TCP/IP open protocol; two IP address management
Serial Port	RS485
Video Streaming	
H.264/MPEG4	Color video streaming H.264 or MPEG4 (VGA up to 15fps)
Operating Mode	
Free Run	Continuous processing with automatic vehicle detection, even without plate
Triggered	Image capture and processing triggered by Ethernet command or digital signal

System	
ANPR camera	2560 x 2048 Monochrome CMOS sensor
Context camera	2560 x 2048 Color CMOS sensor
Illuminator	6 LEDs high power IR @ 850 nm
Lenses	C-Mount. Many focal length available
Operating System	Embedded TOS
Digital i/o	1 Optoisolated input - 1 Relay Outputs – 1 Strobe output – 4 ID input
Connectors	Waterproof circular connector
Ethernet	Fast Ethernet 10/100
Serial port	Insulated RS485
Storage	Up to 32 GB (8 GB default)
Environment, Size, Power	
Operating & Storage Temperature	From -30° to +55° C
Operating & Storage Humidity	From 10% to 90% non condensing
Dimensions	144 x 135 x 470 mm (WxHxL)
Weight	5 kg
Protection	Waterproof IP66
Power supply voltage	24 Vdc
Power consumption	16 W

All specifications subject to change without notice