Traffic Light 2L

Red Light Enforcement by image analysis

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ANPR

Tattile

APPLICATIONS

❮ Red Light enforcement

FEATURES

❮ Traffic light detection either by image analysis
   or wired traffic light signals

❮ All in one: monochrome and color sensors,
   OCR on board, IR illuminator

❮ Web server configuration and setup

❮ Real time processing: up to 75 fps

❮ Ethernet, digital I/O

❮ SD memory card up to 32 GByte

❮ Waterprof housing IP66 with bracket included

❮ Embedded GPS

❮ External Flash light on request

Tattile
Custom Vision Solutions

Traffic Light 2L

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

DATA TRANSMISSION

FTP	FTP Client to FTP Server mode for remote data transmission; two IP address management
TCP/IP	Tattile TCP/IP open protocol

OPERATING MODE

Triggered	Traffic light detection either by image analysis or wired traffic light signals

TECHNICAL FEATURES

SYSTEM

ANPR Camera	2560 x 2048 Monochrome CMOS sensor
Context camera	2560 x 2048 Color CMOS sensor
Illuminator	6 high power LEDs, InfraRed @ 850 nm
Lenses	C-Mount. Many focal length available.
Operating System	Embedded TOS (Tattile Operating System)
Digital I/O	1 Optoisolated input - 1 Relay Outputs – 1 Strobe output – 4 input for trafficlight signals
Connectors	Waterproof circular connector
Ethernet	Fast Ethernet 10/100
Serial Port	Insulated RS485
Storage	Up to 32 GB (4 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	15 W

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