VEGA 1

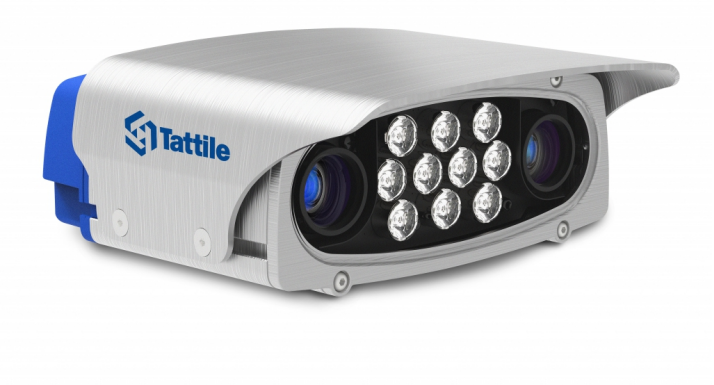
3MP Dual-Sensor ANPR Camera

DESCRIPTION

The Vega 1 is a dual-channel camera built in a compact case. With its powerful design, Vega 1 can read the number plate on 200km/h vehicle from 25 meters away as well as streaming visible video 24/7 simultaneously. The high sensitivity image sensor is installed for ANPR reading, video streaming in extremely low light conditions. Thanks to its local storage, the video is well restored even if the network connectivity is no longer available. The superb Vega 1 is suitable for single lane vehicle tracking, traffic limited areas, and priority lanes.

FEATURES

- >95% Accuracy of onboard ANPR
- Recognition up to 200km/hr
- One-lane Coverage
- Speed estimation
- Webpage Remote Control
- Video streaming 24/7
- ONVIF Compliance
- Local storage up to 128GB
- Waterproof IP67
- Built-in IR illuminator
- Support GPS/LTE(Optional)



Features and Performance	
Lane Detected	1
Max Vehicle Speed [km/h]	200
Working Distance [m]	Up to 25
Detection	99%
Reading	>95%
OCR ANPR engine	on board
2nd Lever OCR	optional
Grabbing	Up to 60 fps
Classification	optional
Vehicle Color	optional
Vehicle Brand	optional
Vehicle Model	optional
AES256	Yes
SHA2	Yes
Compression	JPG
Streaming	Color video streaming via standard RTSP protocol

Configuration	
Web Server	Installation and configuration with on board Web Server
TCP/IP Server	Configuration and monitoring through TCP/IP protocol. (SDK provided)
Date and Hour	Synchronization via NTP protocol, IEEE1588, GPS
Software Update	Upgrading via Web Interface and SDK

Data Transmission	
FTP	FTP Client to FTP Server mode for remote data transmission; Multiple IP servers addressable
TCP/IP	Tattile TCP/IP open protocol; (SDK provided)
Standard protocols	XML; SNMP; NTCIP; DATEX2; UTMC; ONVIF; MODBUS
Serial Port	Insulated RS485

Operation Mode	
Free Run	Continuous processing with automatic plate detection
Triggered	Image capture and processing triggered by Ethernet command or digital signal

System	
ANPR camera	Up to 3 Megapixel grayscale sensor
Context camera	Up to 3 Megapixel color sensor
Illuminator	10 high power LEDs, InfraRed @ 850 nm
Lenses	C-Mount. Many focal lengths available.
Operating System	Linux Operating System
Digital I/O	2 Inputs - 2 Outputs 1 Strobe output
Connectors	Waterproof circular connector
IP Protection	Waterproof IP67
Ethernet	GigaBit Ethernet 10/100/1000

Specs

System	
Storage	uSD up to 128 GB
GPS	Optional
LTE	Optional

Technical Data	
Operating & Storage Temperature	From -40° to +60° C
Operating & Storage Humidity	From 10% to 90% non condensing
Power supply voltage	24 Vdc
Power consumption	15 W (max)

Ordering Information	
F01870	VEGA1 Long Range
F01872	VEGA1 Short Range
F01836	Power Supply for Vega and Vega1 series
T19362	GPS module for Vega1
T19841	Pole Collar for Vega and Vega1 series
T19943	Horizontal Pole Collar for Vega and Vega1 series
T19958	MicroSD 64GB for Vega and Vega1 series instead of 8GB
LIC_00019	Brand Color and Classification Software for Vega1

VEGA 1 DIMENSION IN MM