Vega11

The new generation of AI-based ANPR cameras

- **STARK** compatible. Stark, the new secure-by-design software architecture, provides a fully parameterizable platform, totally modular, with a multilingual and super user-friendly web interface.
- With full onboard image capture and processing, Vega camera provides outstanding performances and flexibility for all ANPR and vehicle identification tasks.
- Vega Family cameras automatically detect vehicles thanks to its internal STARK Object detector.
- The camera has a high-power integrated infrared illuminator to support demanding performances such as multiple countries plate recognition with optimal reading performances even in high complexity scenarios (reflective, non-reflective, colored plates with multiple charset support).

- Built-in self-triggering based on image processing
- Low energy consumption with PoE+ on selected models for an easy installation
- Easy integration with REST API interface
- Optional Brand Class Color and Model recognition
- Internal buffering and optional storage for off-line operations Optional high-quality video streaming

- Thanks to its design, together with the IP68-grade, high temperature range, optional LTE, and expandable local storage, the camera can operate in remote and harsh environmental conditions.
- Integration in Back-office Software and Video Management Systems can be easily achieved with REST API interfacing, multiple configurable protocols, metadata, and image options.

SINGLE LANE TRACKING | CONGESTION CHARGE

Vega11

	VEGA 10	VEGA 11
Software features and Performance		
Lane Detected	1	
Working Distance	Up to 25m - 83 ft	
Detection	>99%	
Reading	up to 98%	
OCR	ANPR (ALPR) engine on board	
Third party OCR	Optional	
Classification	No	Optional
Vehicle Color	No	Optional
Vehicle Marker	No	Optional
Vehicle Model	No	Optional
Video Streaming	No	Color video streaming via standard RTSP protocol
AES256	Yes	
SHA2	Yes	
Compression	JPG	
Configuration		
Web Server	Installation and configuration with on board Web Application	
Integration	REST and binary protocol available	
Date and Hour	Synchronization via NTP protocol	
Software Update	Upgrading via Web Application and integration protocols	
Data Transmission		
FTP	FTP Client mode for remote data transmission	
Standard protocols	REST and binary protocol, XML, SNMP, NTCIP, Customizable message format	
Configuration	Configurable events/actions and metadata	
Wiegand	Optional	
Serial Port	Insulated RS485 / RS422	
Operating Mode		
Free Run	Self triggering based on image analysis, even without plates	
Trigger mode	Image capture and processing triggered by Ethernet or digital signal	

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System		
ANPR (ALPR) camera	2 Megapixels Grayscale	
Context camera	No	2 Megapixels Color
Illuminator	8 high power LEDs, InfraRed @ 850 nm	
Lenses	Fixed lens configuration	
Operating System	Linux Operating System	
Custom software	No	Optional
Digital i/o	2 Optoisolated input - 2 Relay Output – 1 Strobe output	
IP Protection	IP68	
Ethernet	GigaBit Ethernet 10/100/1000	
Storage	uSD up to 128 GB	
Vandal proof Connector	Yes	
Antitamper sensor	Yes	
Internal SSD	No	
GPS	No	
LTE	No	
WiFi	Optional	
Technical Data		
Operating & Storage Temperature	From -40° to +60° C - *From -40° to +140° F*	
Operating & Storage Humidity	Up to 95% non condensing	
Dimensions	225 x 132 x 244 mm - *8.85 x 5.2 x 9.6 in (WxHxL)*	
Weight	3,6 kg - 8 lbs	
Power supply voltage	24 Vdc, PoE+	
Power consumption	25W	

Part Numbers

Vega 10-11	
F02010-000	Vega 10
F02011-000	Vega 11