



Vega11 Varifocal

The new generation of AI-based ANPR cameras

- Thanks to its advanced technology, **Vega11 Varifocal** adapts to different reading distances, ensuring clear visibility in all lighting conditions. Its flexibility allows easy installation at various heights and distances, while the fast autofocus ensures the best license plate reading performance.
- Dual **high-quality** varifocal lenses on the OCR and Context channels ensure exceptional clarity and adaptability to different layouts and lighting conditions.
- Continuous autofocus calibration ensures that defined reading parameters remain consistent over time.
- POE+ to simplify installation.
- Videostreaming for context video.
- 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.
- 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.

Vega1 1 Varifocal

VEGA11 Varifocal	
Software features and Performance	
Lane Detected	1
Working Distance	from 3m to 15m (10 ft to 50 ft)
Detection	>99%
Reading	up to 98%
OCR	ANPR (ALPR) engine on board
Classification	Optional
Vehicle Color	Optional
Vehicle Marker	Optional
Vehicle Model	Optional
Video Streaming	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	
Output Action Types	HTTP, HTTPS, FTP, SFTP, TCP, RAW, Serial Communication, Local Storage
Message formats	Fully customizable message formats including JSON, XML, custom string
Configuration	Configurable events/actions and metadata
Serial Port	Yes, Insulated RS485
Digital output event	Yes
Wiegand	Yes
FTP Server	Yes, access to storage partition
Operating Mode	
Autotrigger	Self triggering based on image analysis, even without plates
Trigger mode	Image capture and processing triggered by Ethernet or digital signal

VEGA11 Varifocal	
System	
ANPR (ALPR) camera	2 Megapixels Grayscale
Context camera	2 Megapixels Color
Illuminator	8 high power LEDs, InfraRed @ 850 nm
Lenses	Varifocal lenses 10-20mm
Operating System	Linux Operating System
Custom software	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	Yes
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

VEGA11 Varifocal	
F02011-600	Vega11 Varifocal