



Vega Smart HD - Vega Smart 2HD

Automatic Number Plate Reader

▼ *The Vega Smart Line*

It is built over a highly performing base allowing outstanding scalability.

Optionals can be installed upon request.

Impressive capability to keep the device always updated.



▼ *Application*

- Toll collection
- Free Flow
- Traffic monitoring
- Security

Free-Flow Tolling - Security

	SMART HD	SMART 2HD
Software features and Performance		
Lane Detected	2	
Max Vehicle Speed	250 km/h - 155 mph	
Working Distance	Up to 35 m - Up to 115 ft	
Detection	99%	
Reading	>95%	
OCR	ANPR (ALPR) engine on board	
Third party OCR	optional	
Capture rate	Up to 75 fps	
Classification	NA	optional
Vehicle Color	NA	optional
Vehicle Brand	NA	optional
Vehicle Model	NA	optional
AES256	Yes	
SHA2	Yes	
Compression	JPG	
Streaming	NA	Video streaming via standard RTSP protocol
Configuration		
Web Server	Installation and configuration by Web Server on board	
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; UTM; ONVIF; MODBUS	
Serial Port	Insulated RS485	

	SMART HD	SMART 2HD
Op. 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 (ALPR) camera	5 MPX BW	
	5 MPx Color (Color Version)	
Context camera	NA	2.3 Megapixel color CMOS sensor
Illuminator	12 high power LEDs	
Lenses	C-Mount. Many focal lengths available.	
Operating System	Linux Operating System	
Digital i/o	6 Optoisolated input - 4 Relay Output - 1 Strobe output	
Connectors	Waterproof circular connector	
IP Protection	Waterproof IP68	
Ethernet	GigaBit Ethernet 10/100/1000	
Storage	uSD up to 128 GB	
	Optional HD/SSD	
GPS	Optional	
LTE	Optional	
Technical Datas		
Operating & Storage Temperature	From -40° to +60° C - From -40° to +140° F	
Operating & Storage Humidity	Up to 95% non condensing	
Dimensions	290 x 127 x 235 mm - 11.4 x 5 x 9.25 in (WxHxL)	
Weight	5.5 kg - 12.12 lbs	
Power supply voltage	24 Vdc	
Power consumption	50 W (max)	

Part Numbers

Vega Smart HD	
F01760	Smart HD
F01767	Smart HD Non Reflective Plates

Vega Smart 2HD	
F01761	Smart 2HD
F01768	Smart 2HD Non Reflective Plates

Vega Smart Color HD	
F01762	Smart Color HD

Vega Smart Color 2HD	
F01765	Smart Color 2HD

