Vega Smart HD - Vega Smart HD Color -

Automatic Number Plate Reader

◤ The Vega Smart Line

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

Optionals can be installed on demand.

Impressive capability to keep the device always updated.

◤ Application

• Toll collection

• Free Flow

• Traffic monitoring

• Security

Vega Smart 2HD

	SMART HD	SMART 2HD
Software features and Performance		
Lane Detected	2	
Max Speed Detected [km/h]	250	
Working Distance [m]	up to 25	
Detection	99%	
Reading	>95%	
OCR	ANPR engine on board	
2nd Lever OCR	optional	
Grabbing	75 fps	
Classification	optional	
Vehicle Color	NA	optional
Vehicle Maker	optional	
Vehicle Model	optional	
AES256	Yes	
SHA2	Yes	
Compression	JPG	
Streaming	NA	Color video streaming H.264 via standard protocol RTSP
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; UTMC; 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 camera	5 MPX BW	
	5 MPx Color (Color Version)	
Context camera	NA	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	
	HD/SSD up to 1 TB	
GPS	Optional	
LTE	Optional	
WiFi (Easinstall)	Yes	
Technical Datas		
Operating & Storage Temperature	From -40° to +55° C	
Operating & Storage Humidity	From 10% to 90% non condensing	
Dimensions	290 x 127 x 235 mm (WxHxL)	
Weight [kg]	5.5	
Power supply voltage	24 Vdc	
Power consumption	50 W (max)	

Part Numbers

Vega Smart HD	
F01760	Smart HD
Vega Smart 2HD	
F01761	Smart 2HD
Vega Smart Color HD	
F01762	Smart Color HD

Custom ANPR Solutions