Basic MK2

- **STARK** compatible. Stark, the new secure by design software architecture, provides a fully parametrizable platform, totally modular, with a multilingual and super user friendly web interface

- The processing capacity of the new CPU makes Basic MK2 four times faster than the previous Vega Basic

- Equipped with the innovative AI Vehicle and Plate detector

- Mainly targeted to stop & go tolling, parking and access control systems, with a maximum input power of 13W, Basic MK2 is equipped with Power-over-Ethernet (POE+) interface

- Extra compact size to reduce the installation impact

- In case of a lack of data connection, Basic MK2 automatically stores the images in the local storage. Once the network is restored, Basic MK2 will release the stored images avoiding losing transits

Basic MK2

	Basic MK2	Basic MK2 Color
Software features and Performance		
Software platform	Stark	
AI hw accelerator	1 hardware accelerator	
Lane Detected	1	
Working Distance	Up to 25m - *83 ft*	Up to 15m - *50 ft*
Detection	>99.5%	
Reading	Up to 98%	
OCR	ANPR (ALPR) engine on board	
AES256	Yes	
SHA2	Yes	
Image 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, RS485 half duplex	
Digital output event	Yes	
Wiegand	Yes	
FTP Server	Yes, access to storage partition	
Op. Mode		
Autotrigger	Self-triggering based on AI image analysis, even without plates	
Trigger mode	Image capture and processing triggered by Ethernet or digital signal	

	Basic MK2	Basic MK2 Color
System		
ANPR (ALPR) camera	2 Megapixels grayscale	2 Megapixels color
Illuminator	8 high power infrared LEDs	8 high power white LEDs
Lenses	Fixed lens configuration	
Operating System	Linux Operating System	
Digital I/O	2 Optoisolated input - 2 Relay Output – 1 Strobe output	
IP Protection	IP67	
Ethernet	GigaBit Ethernet 10/100/1000	
Storage	uSD up to 128 GB	
Vandal proof connector	Yes	
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	178 x 90 x 133 mm - *7 x 3.5 x 5.2 in* (WxHxL)	
Weight	1.5 kg - *3.3 lbs*	
Power supply voltage	24 Vdc, PoE+	
Power consumption	25W	

Part Numbers

Basic MK2	
F02200-200	Basic MK2 Short range
F02200-300	Basic MK2 Long range

Basic MK2 Color	
F02201-200	Basic MK2 Short range color
F02201-300	Basic MK2 Long range color