



Smart+ Speed

The most powerful SPEED
measurement Smart Camera

- ☞ Totally based on Stark, the new secure by design software architecture, provides a fully parametrizable platform, totally modular, with a multilingual and super user-friendly web interface.
- ☞ On-edge powerful AI Camera.
- ☞ With its top algorithms and on-edge processing power, this AI camera takes enforcement and security to a whole new level, setting new industry standards for accuracy, reliability, and efficiency.
- ☞ The Neural plate & vehicle detector algorithm enables it to quickly and accurately identify vehicles of different types, including cars, trucks, and motorcycles.
- ☞ POE Radar connection, adjustable with different angles to adapt to different installation scenarios.
- ☞ Coverage of up to 3 lanes in the 8Mpx + 5Mpx version.
- ☞ Detect vehicle speed up to 320 Km/h (198mph).

Hardware

SPEED ENFORCEMENT

Smart+ Speed

	SMART+ SPEED
Software features and Performance	
Software platform	Stark
AI hw accelerator	Up to 2 hardware accelerators
Lane Detected	Up to 3 lanes
Working Distance	Up to 40m - 115 ft
Detection	>99%
Reading	Up to 98%
OCR	Up to 3 ANPR (ALPR) engines on board
Third party OCR	Optional
Classification	Optional
Vehicle Color	Optional
Vehicle Maker	Optional
Vehicle Model	Optional
Video Streaming	Color video streaming via standard RTSP protocol
AES256	Yes
SHA2	Yes
Image Compression	JPG
Streaming Profile	H.264, H.265
Configuration	
Web Server	Installation and configuration with on board Web Application
Integration	Support for HTTP REST API
Date and Hour	Synchronization via NTP protocol or GPS
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 full duplex
Digital output event	Yes
FTP Server	Yes, access to storage partition

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Op. Mode	
Autotrigger	Self-triggering based on AI image analysis on multiple lanes, even without plates
Trigger mode	Image capture and processing triggered by Ethernet or digital signal
System	
ANPR (ALPR) camera	8 Megapixels Grayscale
Context Camera	5 Megapixels Color
Illuminator	12 high power LEDs, InfraRed @ 850 nm
Lenses	Fixed lens configuration
Operating System	Linux Operating System
Custom software	Optional, with Linux container
Digital I/O	1 Optoisolated input - 1 Relay Output – 2 Strobe output
IP Protection	IP68
Ethernet	GigaBit Ethernet 10/100/1000
Storage	uSD up to 128 GB
Internal SSD	Optional up to 1TB
GPS	Yes
LTE	Optional
WiFi	Yes
PSE	Yes
Technical Data	
Operating & Storage Temperature	From -40° to +60° C - <i>From -40° to +140° F</i>
Operating & Storage Humidity	Up to 95% non-condensing
Dimensions	290 x 323 x 235 mm - <i>11.4 x 12.7 x 9.3 in</i> (including antenna and speed sensor)
Weight	8.1 kg - <i>17.9lbs</i>
Power supply voltage	24 Vdc
Power consumption (typical)	47W (standard config), 57W (full config)
Power consumption (maximum)	95W

Part Numbers

SMART+ SPEED	
F02363-000	Smart Speed 85