



Mobile+

Dual AI sensors for unseen detection
& reading performance



- Next-gen detection and reading powered by integrated AI. This all-in-one solution eliminates the need for an external PC, delivering fast and reliable image processing directly onboard.
- Two 5 Mpx sensors allow superior reading and detection performance.
- The compact size allows for flexible rooftop installation.
- BCCM algorithm is available on board. The camera captures the license plate, make, model, color, and class.
- GPS is available for accurate localization. Optional LTE connectivity is available and easily accessible to the user.
- SSD available as an option to extend Mobile+ storage capacity.
- Stark Controller is natively integrated for an easy interface with the vehicle's onboard tablet & PC.
- Mobile+ is provided with a 5m (16.4 ft) single-connector cable, for easy camera installation.



PARKING ENFORCEMENT | PATROLLING

Mobile+

	Mobile+ Short Range	Mobile+ Medium Range	Mobile+ Long Range
Software features and Performance			
Application Scenario	Perpendicular Parking	Diagonal & Parallel Parking	Patrolling
Software platform	Stark		
AI hw accelerator	2 hardware accelerators		
Working Distance	2m – 6.5 ft	6m – 19.6 ft	15m – 49.2ft
Detection	Up tp 99%		
Reading	Up to 98%		
OCR	ANPR (ALPR) engine on board		
Classification	Optional		
Vehicle Color	Optional		
Vehicle Maker	Optional		
Vehicle Model	Optional		
Video Streaming	Color video streaming		
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 or internal GPS		
Software Update	Upgrading via Web Application and integration protocols		
Data Transmission			
Output action Types	HTTP, HTTPS, FTP, SFTP, TCP RAW, Local Storage		
Message formats	Fully customizable message formats including JSON, XML, custom string		
Configuration	Configurable events/actions and metadata		
FTP Server	Yes, access to storage partition		
Operating Mode			
Autotrigger	Self-triggering based on AI image analysis, even without plates		

	Mobile+ Short Range	Mobile+ Medium Range	Mobile+ Long Range
System			
Infrared sensor	5 Megapixels		
Color sensor	5 Megapixels		
Illuminator	10 high power infrared LEDs		
Lenses	Fixed lens configuration		
IP Protection	IP67		
Ethernet	GigaBit Ethernet 10/100/1000		
Storage	8 GB		
Internal SSD	Optional up to 1TB		
GPS	Optional		
LTE	Optional		
WiFi	Yes		
Bluetooth	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	218 x 166 x 70 mm - 8.6 x 6.5 x 2.7 in		
Weight	2.7 kg - 5.9lbs		
Power supply voltage	12 Vdc		
Typical power consumption (without optionals)	27W		

Part Numbers

Mobile+	
F02500-000	Mobile+ Short Range
F02501-000	Mobile+ Medium Range
F02502-000	Mobile+ Long Range