



# Basic MK2 Varifocal

Thanks to its advanced technology, Basic MK2 **Varifocal** adapts to different reading distances, ensuring clear visibility in all lighting conditions. Its flexibility allows easy installation at various heights and distances, while the fast autofocus ensures the best license plate reading performance.

**High-quality varifocal lens** ensures exceptional clarity and adaptability to different layouts and lighting conditions.

The **continuous autofocus calibration** ensures that defined reading parameters remain consistent over time. Manual fine-tuning is available for specific requirements.

The onboard **access control list** management provides a seamless solution for enhanced security

and control. With a **low latency of 100** milliseconds between reading and opening, it ensures instant responsiveness.

**STARK** compatible. The new secure-by-design software architecture has the **IEC-62443 Cybersecurity** certification and provides a fully parameterizable, completely modular platform with a multilingual and user-friendly web interface.

Extra **compact size** to reduce the installation impact.

**POE+** connection

The Basic MK2 is ideal for **optimizing customer inventory**. A single camera can support multiple layouts, reducing inventory complexity and maximizing flexibility



## PARKING ACCESS CONTROL

# Basic MK2 Varifocal

	Basic MK2 Varifocal	Basic MK2 Varifocal Color
<b>Software features and Performance</b>		
Software platform	Stark	
AI hw accelerator	1 hardware accelerator	
Lane Detected	1	
Working Distance	from 3m to 15m (10 ft to 50 ft)	
Detection	>99%	
Reading	Up to 98%	
OCR	ANPR (ALPR) engine on board	
AES256	Yes	
SHA2	Yes	
Image Compression	JPG	
<b>Configuration</b>		
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	
<b>Data Transmission</b>		
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	
<b>Op. Mode</b>		
Autotrigger	Self-triggering based on AI image analysis, even without plates	
Trigger mode	Image capture and processing triggered by Ethernet or digital signal	

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<b>System</b>		
ANPR (ALPR) camera	2 Megapixels grayscale	2 Megapixels color
Illuminator	8 high power infrared LEDs	8 high power white LEDs
Lenses	Varifocal lens 10-20 mm	
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	
<b>Technical Data</b>		
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 Varifocal	
F02200-600	Basic MK2 Varifocal
F02201-600	Basic MK2 Varifocal Color