

ANPR/ALPR CAMERAS AND SOFTWARE FOR  
TRAFFIC MONITORING



# VIDAR IR-LIGHT

## ANPR CAMERA

Read license plates even in the distance – **thanks to this Infrared light extension module**



In some ANPR projects it is required to read license plates in the distance – even up to 100 meters from the camera, and that is definitely a challenge especially in low light. For such scenarios, an additional illumination source comes in handy; that is why we designed this infrared light extension module that works with our high-speed traffic monitoring ANPR camera, Vidar. Vidar IR-LIGHT is a plug & play auxiliary light component, constructed to illuminate the vehicle and its surroundings in a glare-free way, preventing excessive reflections and the overexposure of unnecessary details.

Depending on the application, you can select Vidar IR-LIGHT with white light LEDs or infrared (IR) LEDs (760 nm or 850 nm) and you can connect even more than one unit to a single ANPR camera.



PLUG AND  
PLAY



VISIBLE  
SURROUNDINGS  
WITHOUT  
OVEREXPOSURE



EXTENDED  
ANPR RANGE

## Main benefits

- Better ANPR range and accuracy in low visibility conditions
- Synchronized flash
- High quality images in low light environments
- Well-lit images with visible surroundings but without overexposure
- 25 high quality IR LEDs in case of a third generation model
- 18 high quality IR LEDs in case of a second generation model
- Allowing multiple synchronized illuminator units connected to one camera up to 4 illuminators
- IP67 rated industrial grade body

## Specifications

- Extended ANPR range • Separate LED intensity for each unit • Plug and play • 3 intensity modes • 18 or 25 high quality LEDs
- Available with white or IR (760nm or 850nm) LEDs • Illuminates the vehicle and its surroundings

Production Code **Vidar IR-LIGHT**  
Vidar IR-LIGHT-2

**Vidar IR-LIGHT**  
Vidar IR-LIGHT-3

Generation	Second	Third
IR illumination wavelength	760 nm, 850 nm, white	
Illumination modes	Pre-selectable: continuous or flashing, both with adjustable intensity	
Maximum ANPR range at "0" LUX	30 m (100 feet)	100 m (328 feet)
Number of LEDs	18	25
Operating temperature range	-40°C to +55°C (-40°F to 131°F) Extra heating available	
IP Rating	IP67	
Full remote access	Plug and play through the camera's interface	
Extra features	Synchronized flash Adjustable illumination intensity and timing	

## Plug & Play

