TRAFFIC MONITORING CAMERAS

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 all of our ANPR cameras i.e. Vidar, FreewayCAM, SmartCAM, SpeedCAM.
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 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 with i.e. Vidar, FreewayCAM, SmartCAM, SpeedCAM
• 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

Adaptive Recognition **America**
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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	**FreewayCAM IR-LIGHT** FreewayCAM IR-LIGHT-2		**FreewayCAM IR-LIGHT** FreewayCAM 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 with Vidar and FreewayCAM family, Adjustable illumination intensity and timing		

Plug & Play

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