FREEWAYCAM IR-LIGHT

AUXILIARY ILLUMINATOR FOR ARH'S FREEWAYCAM,
SMARTCAM, SPEEDCAM AND CONTAINERCAM

LIGHT SOURCE EXTENSION
TO MAXIMIZE ANPR/LPR RANGE AND RESULTS

FreewayCAM IR-Light is an external illuminator created exclusively for ARH's 2nd and 3rd generation of ANPR cameras. It always functions in complete harmony with the camera, thanks to its plug and play design which automatically matches the flash rate with the camera's sensor. The advantages: power consumption lower than in continuous operated floodlights, plus flicker-free images. Moreover, the illuminator is widely adjustable through the camera's remote interface.

This light kit helps to illuminate the object and its surroundings glare-free and without overexposing details. Mount the FreewayCAM IR-Light at a distance from the camera to prevent excessive reflections. The IP67 sturdy housing makes sure that the illuminator keeps working through extreme weather conditions as well. The 2nd-generation FreewayCAM IR-LIGHT has a 1-year warranty, while the 3rd-generation FreewayCAM IR-LIGHT has an extended 3-year manufacturer's warranty.

PLUG AND
PLAY

VISIBLE
SURROUNDINGS
WITHOUT
OVEREXPOSURE

EXTENDED
ANPR RANGE

MAIN BENEFITS

• Better ANPR range and accuracy in low visibility conditions
• Synchronized flash with ARH cameras
• High quality images in low light environments
• Well-lit images with visible surroundings but without overexposure
• 25 high quality IR LEDs (third generation), 18 high quality IR LEDs (second generation)
• Allowing multiple synchronized illuminator units connected to one camera
• IP67 rated industrial grade body

TOWARD THE FUTURE IN SAFETY – SINCE 1991

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
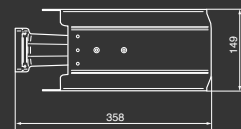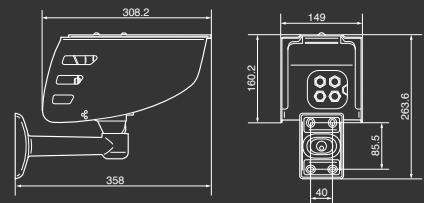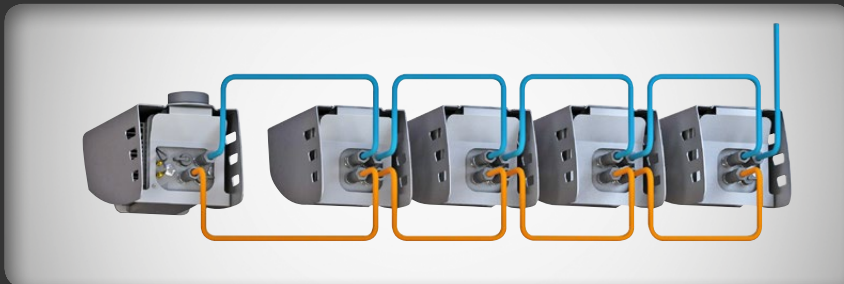
Production Code	**FREEWAYCAM IR-LIGHT** FreewayCAM IR-LIGHT-2	**FREEWAYCAM IR-LIGHT** FreewayCAM IR-LIGHT-3
Generation	Second	Third
IR illumination wavelength	760 nm, 850 nm, white	
Illumination modes	Pre-selectable: continues or flashing, both with adjustable intensity	
Maximum ANPR range at "0" LUX	30 m (100 feet)	100 m (328 feet)
Number of LEDs	18	25
Operating temperature range	-20°C to +55°C (-4°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 ARH cameras, Adjustable illumination intensity and timing	