

VIDAR high-power LED infrared illuminator

Light characteristics

| | |
|-------------------|------------------------------|
| Wavelength | 850 nm |
| Illumination mode | continuous or impulse driven |
| Flash intensity | adjustable, 60 LEDs |
| Maximum range | 50 meters (164.04 feet) |
| Beam angle | 30° |

Operation

| | |
|-----------------------|--------------------------------|
| Power | 36 V DC* @ 60W |
| Protection | IP 66 |
| Operating temperature | -25°C – +60°C (-13°F – +140°F) |
| Weight | 3.6 kg (bracket: 0.5 kg) |

*When VIDAR is powered with 36 V DC, power supply can be shared between the illuminator and the camera - however in this case, a common ground is required (power supply not included)

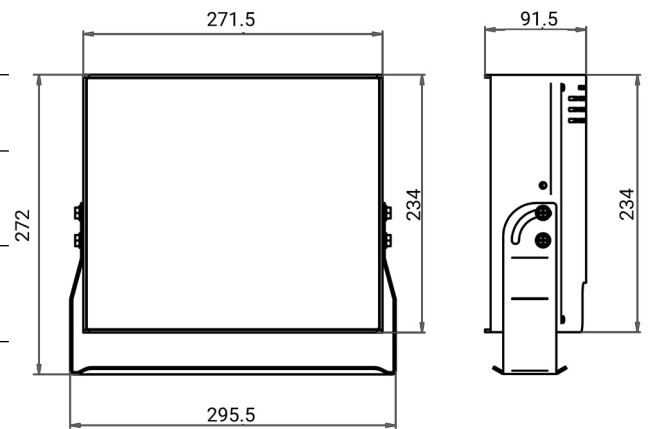


Applications

850nm illumination for reading reflective and non-reflective identifiers, such as number plates in low light or zero-lux conditions.

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.

NIR panels are non-distracting for the drivers compared to wavelengths that fall within the visible light range (570-630nm) and have a lower specific energy consumption and less heat dissipation compared to flash-bulb technology.

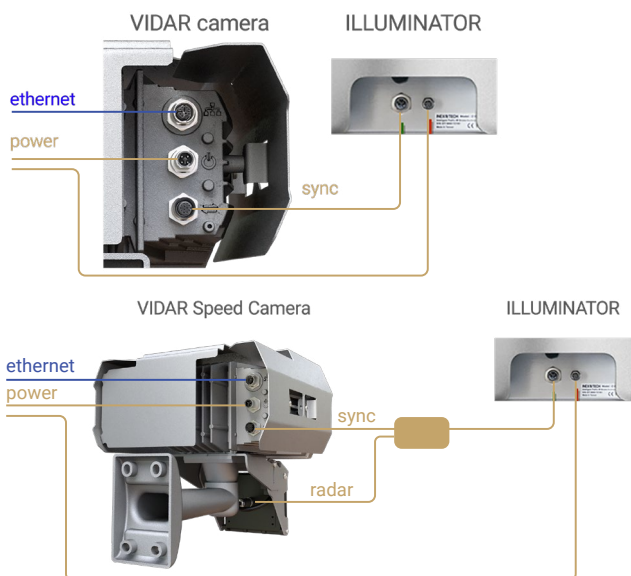


Accessories included

Bracket, M12 Power cable (5 m), GPIO cable (2 m)
In case of Vidar Speed offering, different cable type applies.

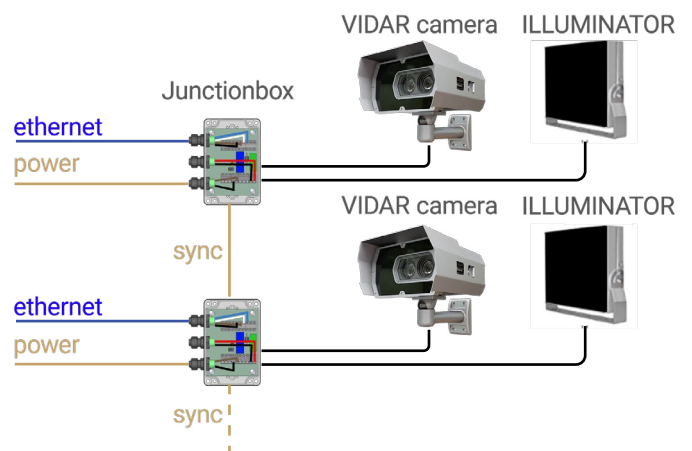
Standalone operation

single camera & illuminator



Clustered operation

multiple devices in synchronous operation



Technical specifications are subject to change without prior notice. This document does not constitute an offer. This product comes with a 1-year warranty.



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