

VIDAR high-power LED near-infra illuminator

Light characteristics

Wavelength	760 nm (NIR)
Illumination mode	continuous or impulse driven
Flash intensity	adjustable, 60 LEDs
Maximum range (narrow)	15 meters (49.2 feet)
Maximum range (wide)	5 meters (16.40 feet)

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)

Beam angle

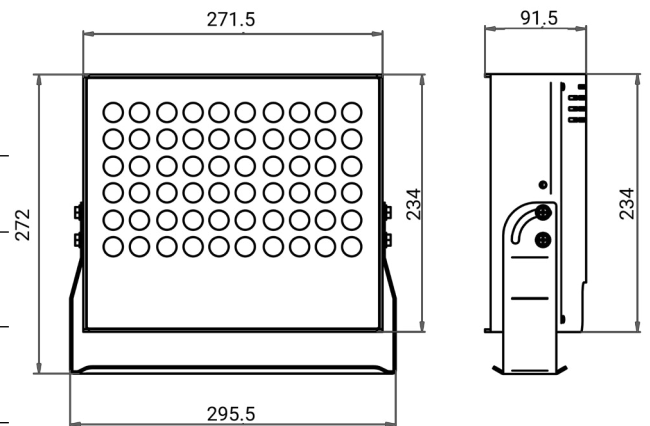
Narrow	20°
Wide	40°

Applications

760nm illumination for reading non-reflective number plates and identifiers, such as industrial codes in low light or zero-lux conditions.

Detect (count or identify) occupants in vehicles. Near-infrared (NIR) imaging method can effectively deal with poor light conditions, windshield reflection, tinted windows to improve the clarity of the captured image of the vehicle interior.

NIR panels are less 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.

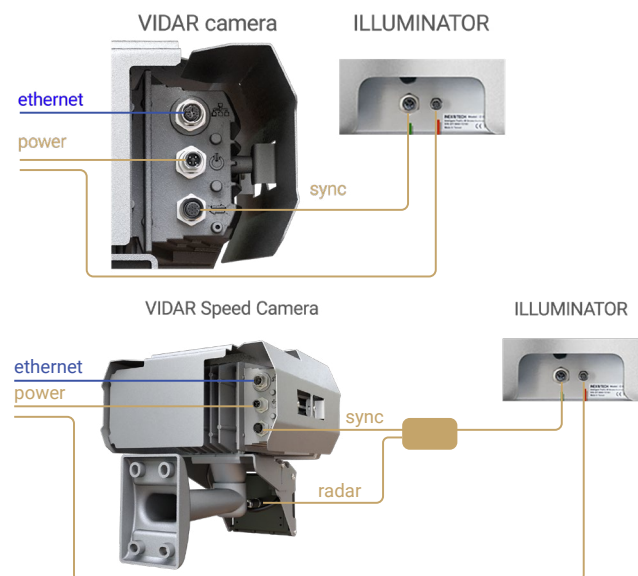


Accessories included

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

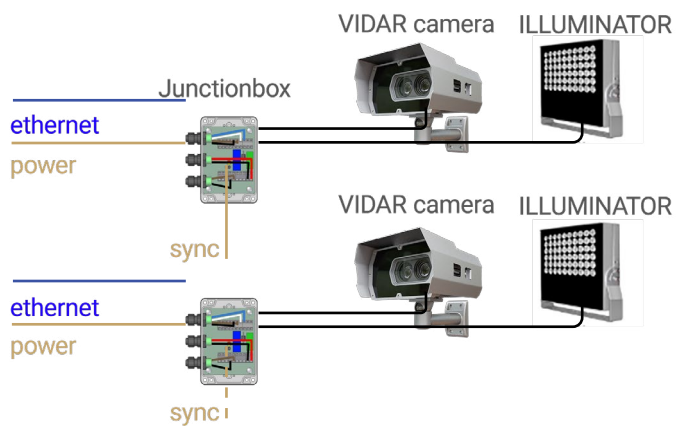
Standalone operation

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.



requestinfo@adaptiverecognition.com
www.adaptiverecognition.com

© Copyright Adaptive Recognition Inc.
All rights reserved.

Release date: 15. 06. 2023.