Thermal Imaging Driving Assistant System

N-Driver™ sees through the total darkness, thick smoke, dense fog, heavy rain and snow, reveals unexpected obstacles, highlights sudden events, improves visibilities of road signs, navigates on unknown roads and overcomes blindness caused by oncoming headlights, thus dramatically lowers the risks of driving and enhances the safety of lives, properties and profits.

Featured razor-sharp live imaging, extremely wide viewing range, incredible durability in diverse harsh environments, instant installation on any vehicles and high affordability for any limited budgets, N-Driver™ is absolutely the perfect choice of driving assistant vision systems.

Features and Benefits

Rugged and compact design ensures easy integration

Short response time & high refreshing frequency

NUC-free IR images with high quality during the whole driving process

Wide-angle lens delivers super-wide viewing range

Enabling a detection range 4 times further than traditional headlight

Hermetically sealed water & dust proof

N-Driver™	
Imaging Performance	
Detector Type	Microbolometer UFPA 384×288, 25μm
Spectral Range	8 to 14μm
Field of View	40.5° ×31°
Focus/Min Focusing	13mm lens, 1m
Image Frequency	50Hz PAL/60Hz NTSC
Video	
Output	RS170 PAL /NTSC composite video
Connector Type	LEMO-HGGOB309/FGGOB309 plug
Power	
Input Voltage	12V DC±3V DC
Power Dissipation	3W
Environmental Specifications	
Operating Temperature Range	-10℃ to +55℃
Storage Temperature Range	-40℃ to +60℃
Encapsulation	Hermetically sealed enclosure
Physical Characteristics	
Camera Weight	0.36kg
Camera Size	89mm×71mm ×58mm

Visual Image

IR Image