FARSIGHT IMAGE-PROCESSING OPERATING SYSTEM

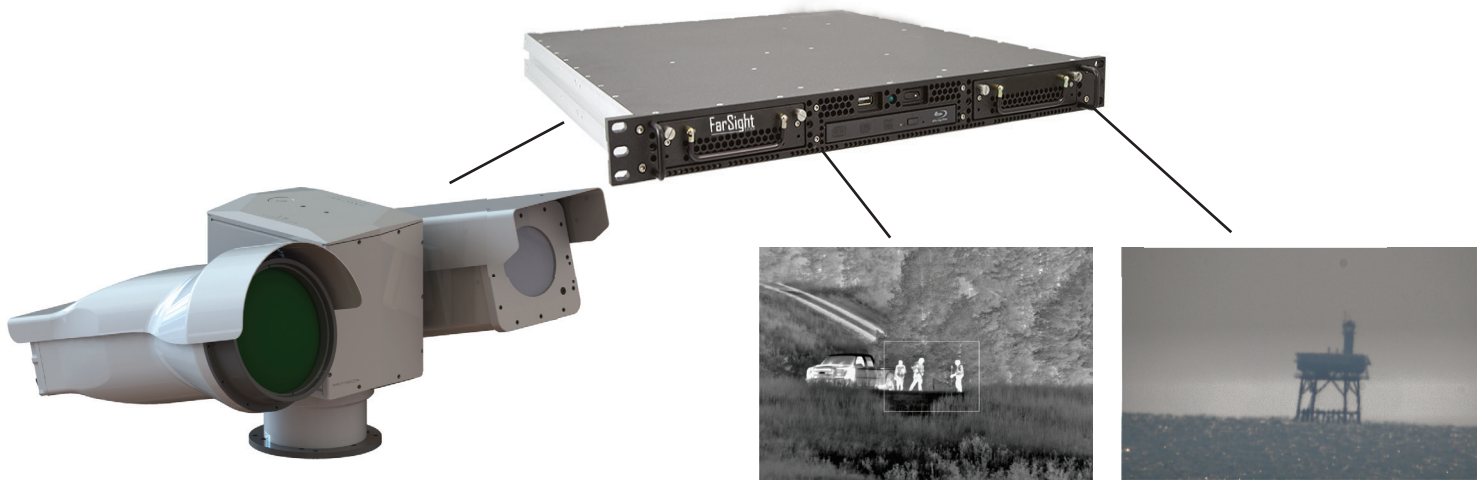| SYSTEM	
Dimensions and Weight (dependent on application needs)	
Height	5.3" (135mm)
Width	17.2" (437mm)
Depth	35.2" (894mm) 39.3" (997mm) with rails
Weight	58 lb (21.8 kg)
CPU	
Runs on wide range of Intel processors: Core i9, Xeon W and Xeon scalable families	
GPU	
Minimum required: Nvidia GTX1080 or Quadro P5000	
Environmental Specifications	
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Non-Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Operating Relative Humidity	8% to 90% (non-condensing)
Non-operating Relative Humidity	5% to 95% (non-condensing)

Note: Software solution scales with available hardware, from a single compute node to a cluster of nodes.
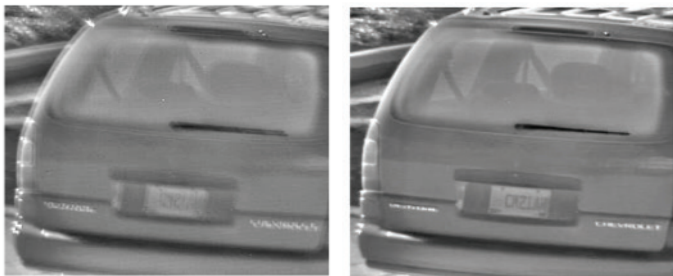

FarSight is an all-purpose image-processing operating system. A scalable and rapidly reconfigurable platform that expands image-processing capabilities to include turbulence mitigation, automatic target detection and tracking and many other advanced algorithms. This platform is able to work across industry to host any advanced image-processing algorithms on an open architecture.

Highlights of our FarSight processor include: receiving sensor image data, processing image data (algorithms), recording data, user interface (HMI), command and control (cameras and outside systems) and modular open architecture and design.

Advanced in-line image processing

Electronic image stabilization app

Turbulence mitigation app

IMAGE-PROCESSING FUNCTIONS

FarSight image-processing includes: image stabilization, turbulence mitigation, artificial intelligence, target detection and tracking and local area contrast enhancement.

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