



OPTROUNITY

# CHEETAH – DVE CAMERA

Optrounity Dual Sensor DVE System

## Key Features

A powerful combination of a Dual Sensor camera, which provides a state-of-the-art DVE Platform. STD\_1275 protection, H.264 10/100 Ethernet video, IP67 Sealing.

## Modular and Versatile

Modular hardware design, offering a variety of camera interfaces and possible configurations.

## Flexible Platform

Ready to use Dual Sensor Camera kit, with a variety of other customizable options.



- **Cost effective**
- **Easy to operate**
- **Greatly increases the Driving abilities.**
- **Multiple lens types for different ranges**
- **Deployed for land vehicles, ships and rotorcrafts**
- **Powerful dual-channel cameras for DVE application**

Optrounity DVE (Driver's Video Enhancement) Monitor is used for advanced thermal imaging upgrade solutions for DVE's application. Plug & Play solution for OEM projects and specific vehicle models (can be modified for any vehicle model). The monitor equipped with up to four analog input videos, can be used for thermal imager and CCD day camera. Specially designed for DVE applications and situational awareness for any vehicle, easy to install and can be adapted in variety of vehicles.



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## Features

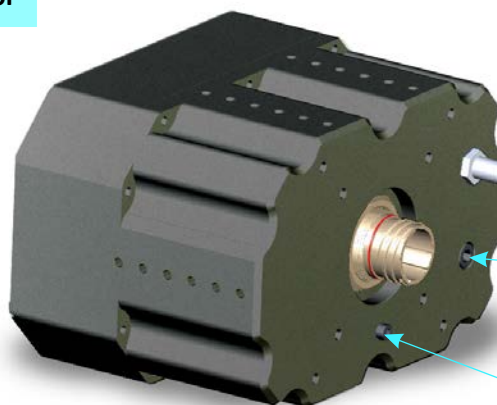
- 24/7 Dual Sensor Camera.
- Multiple Fields of View
- Seal - IP67
- Applications: Ground-Mobile, Shipborne, Rotorcraft Ready
- Custom Mechanical Adapters
- Non-Uniformity Correction
- Gain Limit Control
- Polarity (black hot / white hot)

## Optional

- Customized cables
- x8, x10 ports Giga Ethernet Switch
- 7" or 10" Display Screen
- Ruggedize PC (Tablet)
- 4X/6X Tiles PC application



Dual Sensor



Nitrogen Valve

Purging screw

Main connector

## System Specifications

Features	Description / Performance	
HFOV Narrow	90° Night	67° Night
HFOV Wide	90° Day	67° Day
Focus	Fixed zoom, athermal	Fixed zoom, athermal
Human Detection/Recognition	167m / 56m	251m / 84m
Video Output	PAL, NTSC, H.264 over Ethernet 10/100	
Zoom	x1, x2, x4	
Power Consumption	<5W without Heater (approx. 20W with Heater)	
Image Processing	Polarity, NUC, Contrast	