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O.D.F. Optronics Ltd.

O.D.F. Optronics Ltd, part of the Wave Group Ltd. provides innovative vision-based systems for the Defense and Homeland Security and Consumer Electronics markets. O.D.F.'s unique products are based on its proprietary achievements in the fields of Omni-Directional Imaging, Advanced Electro-Optic Sensors, Remote Observation Systems, Image Processing and Image Understanding Software. The company's product lines include a wide variety of innovative products for Special Forces and law enforcement personnel.

Products

EyeBall™ R1: A 360° wireless sensor for field surveillance, designed for rapid deployment and real-time intelligence. EyeBall is easily rolled, tossed, dropped, raised or lowered into any potentially dangerous location and provides live video and sound.

EyeDrive™: An innovative miniature (A4 size, 2.3 Kg) all-terrain robot for wireless surveillance, designed for personnel engaged in urban warfare, anti-terror, police, and search & rescue activities. This remote-controlled, lightweight mini-robot is easy to carry and deploy and is highly intuitive to use due to its innovative 'Point 'n Go' navigation feature.

EyeDrive is highly maneuverable in any terrain providing the operator with crystal-clear, real-time 360° video images and sound. Its independent illumination system allows for clear video images both during day and night operations.

EyeGuard™: An advanced multi-sensor, mobile and wireless surveillance system that turns any location into a secure and 'sterile' environment. Its propri-

etary, real-time Video Motion Detection (VMD) and audio detection sensors, allow around-the-clock monitoring. Once deployed, the sensors transmit video and sound to the control unit, allowing one operator to monitor up to four different locations and to record all the events.

EyeFly™: Rifle launched reconnaissance system that can be remotely deployed within seconds. EyeFly can be attached to a rifle's barrel and is launched by firing a 5.56mm bullet. The arrow carries an electro-optic sensor, which attaches itself to any solid target and transmits 360° video from its immediate surrounding to a remote tactical display and control unit.

ODR™ (Omni-Directional Reconnaissance) Digital Series: Omni-Directional, 360° reconnaissance systems for all types of vehicles (wheeled and tracked; heavy and light; combat and support). The ODR system provides persistent day & night 360° coverage while vehicle is in motion or stationary. It allows the operator to zoom and explore selected locations, view and record in high resolution, and document the information so it can be easily retrieved and used as evidence. ODR's proprietary Video Motion Detection (VMD) features further extend its surveillance capabilities by allowing the user to establish a Region of Interest (ROI) in which potential threats, indicated by motion, trigger alerts.

Areas of Activity

Counter Terrorism • VIP Protection • Military Reconnaissance • Homeland Security operations • Low Intensity Conflicts (LIC) • Search & Rescue • Law Enforcement & Crime Prevention • Surveillance Operations

