

HGH Infrared Systems Unveils Latest 360-Degree Infrared Solution for Critical Infrastructure Surveillance

Following the award-winning international success of their widely recognized line of panoramicIRST cameras, HGH Infrared Systems is proud to announce the launch of their latest Spynel model, the Spynel-M. With dimensions of less than 12x20cm and weight of only 1.8 kg, the Spynel-M is a cost-effective, rugged, and compact solution for wide area surveillance. One single Spynel-M sensor effectively replaces up to 16 traditional cameras and is able to perform 24/7 early human intrusion alerts over a 1.5 km-diameter area.

“The development of the Spynel-M has made the most of our fifteen years of expertise in major security projects”, said Thierry Campos, CEO of HGH Infrared Systems. “With its small footprint and affordable package, the Spynel-M is the ideal solution for critical infrastructure protection like solar and wind farms, prisons, water treatment facilities, power stations, oil depots, airports and ports. It provides far superior protection than CCTV systems, with the highest simplicity, as a single Spynel-M automatically pinpoints all intrusions day and night on the entire surroundings.”

The Spynel-M continuously captures full panoramic, high-resolution infrared images every second to provide real-time security against conventional and asymmetrical threats including hardly detectable targets such as UAVs, RHIBs, or crawling men. Easily transportable, it can be carried in a backpack and quickly deployed on a light mast or fixed atop a building for superior wide area surveillance. While requiring only 8 watts of power, Spynel-M can also be operated with solar or alternate power supply systems to allow for a remote operation. Unlike radar, the system is completely passive, requires no additional light source and cannot be jammed. The intuitive advanced intrusion detection software, Cyclope, automatically tracks and detects an unlimited number of targets from any direction at any time of day or night and under any type of weather conditions. As versatile as it is mobile, the system can also be paired with other systems such as radars and PTZs for data integration and target identification.



Good things come in small packages

About HGH Infrared Systems: Founded in 1982, HGH designs, develops, assembles and sells high end optronic systems for security and industrial applications. HGH’s highly qualified engineering team comprises experts in optics, mechanics, electronics and software. HGH strives to provide advanced and innovative infrared equipment to protect their clients all around the world, while keeping the agility and dedication of a small and passionate team. Speed,

flexibility, technical excellence and innovation constitute its core values. HGH has established itself as an international reference for infrared technology innovation through the development of multiple advanced thermal sensors, among which its award-winning real-time 360 degree thermal camera, the Spynel-C - 2008 Product of the Year from Photonics Tech Briefs, 2010 Innovation Prize from the EuroNaval Committee, 2011 Kummerman Award from the French Academy of Marine, 2012 GovSec Platinum Award, 2012 Govies Homeland Security Award, and the 2014 Best Video Tracking/Wide Area/Long Range Surveillance from Government Security News' Airport, Seaport, and Border Security Awards Program.

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