

# Teledyne Lidar Enables 3D Data Acquisition, Visual Effects for HBO's Game of Thrones

**THOUSAND OAKS, Calif. – June 10, 2019** – Teledyne Technologies Incorporated (NYSE:TDY) announced today that imaging hardware and software from Teledyne Optech helped enable 3D spatial data acquisition and visual effects for HBO's hit series *Game of Thrones*. A team, led by Vektra d.o.o. of Croatia, utilized Teledyne's lidar (light detection and ranging) technology to create a detailed 3D representation of the old city of Dubrovnik, the model for the fictional city of King's Landing. A promotional video can be found at the following link: <https://www.youtube.com/watch?v=PTRqjOR4awU>

Lidar is becoming increasingly popular for creating realistic computer-generated imagery (CGI) and visual special effects. Traditionally, lidar has been used for mapping and in construction, civil engineering, mining and transportation. Lidar is now of particular interest in the film industry because of its ability to scan buildings or even entire cities in 3D, while maintaining a high level of detail and accuracy. Lidar's ability to generate exact replicas of locations reduces the time and cost for 3D modelling and helps create more realistic visual effects.

Vektra generated 3D point clouds in Dubrovnik using various lidar technologies including Teledyne Optech's [Maverick](#) mobile lidar system and [Polaris](#) fixed terrestrial scanner. The lidar point clouds were then colorized with digital camera imagery and image fusion software.

"We are most proud when our technology contributes to new scientific knowledge, such as revealing an extensive, undiscovered Maya civilization in Guatemala," said Robert Mehrabian, Executive Chairman of Teledyne. "We are equally delighted when our high-technology equipment supports art and entertainment."

## About Teledyne Optech

Teledyne Optech is a world leader in high-accuracy lidar 3D survey systems, integrated cameras, and productivity-enhancing workflows. With operations and staff worldwide, Teledyne Optech offers both standalone and fully integrated lidar and camera solutions for airborne mapping, airborne lidar bathymetry, mobile mapping, terrestrial laser scanning, mine cavity monitoring, and industrial process control, as well as space-proven sensors. For more information, visit Teledyne Optech's website at [www.teledyneoptech.com](http://www.teledyneoptech.com).

## About Teledyne Technologies Incorporated

Teledyne is a leading provider of sophisticated instrumentation, digital imaging products and software, aerospace and defense electronics, and engineered systems. Teledyne's operations are primarily located in the United States, the United Kingdom, Canada, and Western and Northern Europe. For more information, visit Teledyne's website at [www.teledyne.com](http://www.teledyne.com).

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