

Leica Geosystems Honoured for Wearable Reality Capture Innovation



The Pegasus:Backpack, Leica Geosystems' wearable reality capture technology, has been honoured with a prestigious Red Dot Design Award for 2016. An independent panel of 41 experts selected the Pegasus:Backpack as a winner after judging more than 5,200 products from 57 nations based on strict criteria including degree of innovation, formal quality, functionality and ecological compatibility. As one of the world's first wearable reality capture technologies, the innovative Leica Pegasus:Backpack enables professionals to document any space, whether indoors or outdoors, and create 3D views for accurate mapping.

Combining five high-dynamic cameras and two Lidar sensors, the backpack's ergonomic and – at only 12 kilograms – lightweight design allows the user to comfortably and easily access any area. The design was developed with the aim of combining complex technology with a compact, mobile and highly ergonomic product.

According to Professor Dr Peter Zec, founder and president of the Red Dot Award, the winners not only demonstrated an extraordinary design quality, but they also showed that design is an integral part of innovative product solutions. In the jury's statement, the Pegasus:Backpack was described as presenting a new type of design in the mobile mapping field, with the sophisticated concept making it very convenient to carry.

Alessandro Nuzzo, Leica Geosystems Mobile Mapping product line manager, commented that Leica has thoroughly studied the challenges faced on many sites and the Pegasus:Backpack was developed to give easier and more accurate access in difficult environments. This achievement confirms the company's commitment to meeting user needs and developing innovation in digital surveying, he added.

Further information on the Pegasus:Backpack is available [here](https://www.leica-geosystems.com/en/products/mobile-mapping/pegasus-backpack).