

# EVPÚ Defence a.s. launches a range of new cooled thermal imagers

Following the success of EVPÚ Defence's new MANTIS and MANTIS MINI remote-controlled weapon stations at IDET and FEINDEF 2021, the company now comes forward with yet another addition to its defence product segment. This time EVPÚ Defence's team focused their efforts on developing a range of cooled thermal imagers to complement their current offer of day-night and uncooled thermal cameras. The new cooled cameras are called SUMO-C300, SUMO-C320, SUMO-C600, SUMO-C690 and SUMO-C900.

EVPÚ Defence a.s. produces surveillance and monitoring systems designed to protect border zones, coastal areas, airports and other objects of importance. These systems can be used in short-, mid- and long-range applications. In order to ensure that surveillance can be performed 24/7, the systems comprise a day camera and a thermal imaging camera. Different applications require different sensors, so what is the

difference between cooled and uncooled thermal imagers?

Generally speaking, thermal imaging cameras display the infra-red radiation that is produced by every object. Cooled thermal imaging cameras contain a detector which is kept at a very low temperature by a cooling system. As a result of this cooling process, the detector itself produces much less infra-red radiation and is therefore better able to capture a high-quality image based on the infra-red radiation of the monitored objects. When considering your needs and options, you should be aware that the cooled cameras come at a higher purchase price and attract higher maintenance costs than their uncooled counterparts. However, this is more than compensated by the superb quality and sharpness of image that can be especially appreciated in long-range electro-optical systems. Besides, EVPÚ Defence's thermal imaging cameras meet the specific requirements of the police and armed forces. On the other hand, uncooled thermal im-

agers do not contain a cooling system, their purchase price is therefore lower and maintenance costs reduced to an absolute minimum. They are especially great for short and mid-range electro-optical systems that require fast start. With their minimum need of maintenance, they are also suitable for surveillance towers.

EVPÚ Defence a.s. assembles all of its systems at the company's own production facilities in Uherské Hradiště, CZ, which means that its customers are able to request special modifications where needed. You can find out more on [www.evpudefence.com](http://www.evpudefence.com).

