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ASELSAN is offering indigenous ODAKAN - IP Camera Based Video Surveillance Solutions

ASELSAN offers state-of-the-art IP-based Video Surveillance Systems, including genuine hardware and software designed, with more than 45 years of experience in defense industry and technological know-how. Critical public and private sector security needs are met with domestic and national solutions under the assurance of ASELSAN. End-to-end integrated, scalable and distributed systems are offered to public security, homeland security including base and border security, critical infrastructure protection and smart city projects.

ODAKAN IP camera product family has high performance in all kinds of day/night and weather conditions, 7 days 24 hours 365 days. Superior image quality, advanced video compression algorithms, low band width and storage space usage, and interoperability standards compliance are among the prominent features. Smart camera features provide situational awareness, effective alarm management, efficient resource usage and fast response thanks to built-in video analysis capabilities based on artificial intelligence algorithms. ODAKAN product family is grouped under fixed, PTZ, panoramic, uncooled thermal and wearable. Wide range of products, customized according to user needs (indoor/outdoor environment, narrow/wide angle, very low light, medium/very long range, ballistic protection, ex-proof) are offered.

Network Video Recording product family offers scalable solutions that can provide expandable channel and recording capacity from small systems with a few cameras to large-scale systems with hundreds or even thousands of cameras. Network video and image recording, playback and export, analytics alarm recording and playback functions are offered by national software developed by ASELSAN which ensures high level security measures. High write/read speeds, redundancy alternatives, advanced video analytics alarm management, cloud-based scalability, interoperability standards compliance are among the prominent features. Equipment is available in mobile, desktop and 19" rack cabinet forms. DEFNE Video Management Software (VMS) with basic video management features comes preloaded and devices are ready to use right out of the box.

The market for surveillance IP cameras and network video recorders (NVRs) has experienced significant growth in recent years due to the increasing demand for advanced security solutions in various sectors such as commercial, public, military and residential. NVRs play a crucial role in the surveillance market as they serve as the central hub for storing, managing and accessing

recorded video footage from IP cameras. With the growing awareness of the importance of security, advancements in the technology such as AI-based video analytics, the market for IP cameras and NVRs is expected to continue its upward trajectory, providing enhanced security.

About ASELSAN:

As a global technology leader, we have established an organization that delivers new experiences to our users all across the world. By investing into our highly diversified human asset, we keep growing in a sustainable and inspiring fashion.

A journey began with a radio communication device today took us to more than 500 various products and solutions that changed “status quo ante” in defense and security arena. Our ambitious global expansion strategy made us embracing investment opportunities in promising markets.

With the inspiration of our clients in more than 80 countries, we start every new day with new ideas and dreams that encourages us to challenge technology boundaries. Striving for a better planet is our endless motivation.

Note: For more information regarding the product, please visit our booth at the IDEF 2023.

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