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## **TSEC MSK-101**



TSEC radar detector suitable for outdoor use - The latest technology in intrusion - Keeping false alarms at a minimum - Highly configurable - 4 relay outputs - Protection IP67

The MSK-101 is the most advanced intrusion motion sensor that can be found on the market, designed for detection in high security applications outdoor areas. Equipped with Inxpect's proprietary motion processing engine, the MSK-101 provides superior pet immunity, excellent robustness to temperature changes, adverse weather conditions, dust, smoke and debris.. Compatible with all alarm panels, with a stylish, Italian designed IP67 enclosure and programmable output relays, the MSK-101 represents the best choice for protecting indoor and outdoor high-security areas..

The smart motion detectors MSK-101 are based on FMCW radar technology, a proven technique that guarantees best in class performance at detecting and tracking motion.. Thanks to Inxpect's proprietary system design, the MSK-101 goes far beyond what conventional "radars" can do, and delivers unmatched performance at detecting intruders while minimizing false positives due to small animals or varying environmental conditions. Unlike traditional motion detectors based on infra-red or microwaves, thanks to its advanced architecture, MSK-101 can compute in real time the distance of the moving target, and estimate its size.

The signal processing algorithms allow the MSK-101 to filter out motion generated by pets, birds and pests, resulting in a dramatic reduction of false alarms.. Can be used for indoor and outdoor

detection, greater detection range is reached in open areas without obstacles

Safety, flexibility and ease of installation in a small package thanks to its ingenious design. MSK-101 can be installed on walls or ceilings, without the need for additional accessories. Its back plate allows it to be installed in the most popular wall boxes for Europe. For US, UK, German, French and Italian standards..

In addition, with the Inxpect mobile application combined with the WSYNC-RJ-WIFI you can configure the sensors MSK-101 in a simple way. Inxpect's motion processing motors give complete flexibility to the installer with alarm settings and pre-alarm ranges up to 20 m / 65 feet with an accuracy of 30 cm / 1 feet, modify the sensitivity, or be able to visualize in the application the alarm signals, pre-alarm, sabotage and failure of the detector.

Summary of strengths:

- Outdoor detector based on the latest radar technology 24GHz
- Coverage between 0~20m
- 4 programmable NO/NC relay outputs
- Alarm, pre-alarm, fault and tamper
- Reduction of false alarms caused by animals
- Detection from 0.05m/s
- Technical polymer protection
- LED indicator
- Degree of protection IP67
- Needs to be configured with WSYNC-RJ-WIFI