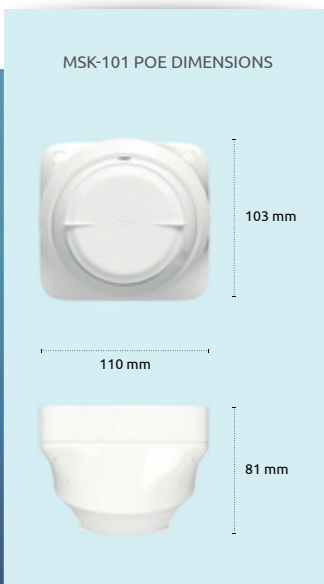


# MSK-101 POE

INTELLIGENT MOTION SENSOR

## MSK-101 POE



MSK-101 POE DIMENSIONS

## Advantages of inxpect radar-based technology

**Inxpect MSK series smart motion detectors 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-POE 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 series products can compute in real time the distance of the moving target, and estimate its size. Inxpect's signal processing algorithms allow the MSK-101-POE to filter out motion generated by pets, birds and pests, resulting in a dramatic reduction of false alarms. With the always-on yet highly secure PoE interface, the MSK-101-POE can be integrated into any PSIM or video management system, allowing both real time monitoring and (re)configuration of its working parameters.



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## Security, flexibility and ease of installation in one small package



### INXPECT: SECURE BY DESIGN

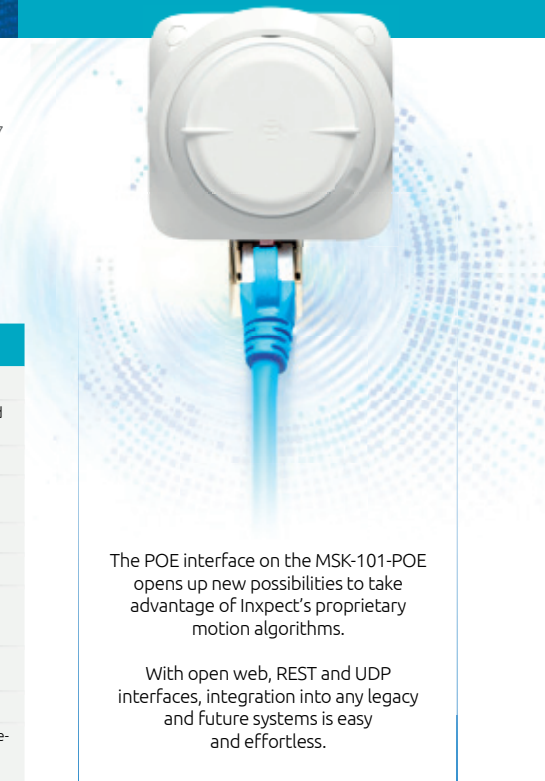
The MSK-101-POE is the first connected smart radar for high security applications to embed a FIPS-compliant cryptographic co-processor with secure storage for asymmetric keys. Thanks to the advanced hardware architecture coupled with Inxpect's industry-leading security protocols, the MSK-101-POE offers the most secure yet flexible IP motion detector on the market.

Inxpect's motion processing engines give installers full flexibility with setting alarm and pre-alarm ranges of up to 20m/66ft with an accuracy of 30cm/1ft. The PoE interface allows for 24/7 configuration of all working parameters, including sensitivity, semi-static management and pet-tolerance. With open web, deployment, integration and management becomes just a matter of connecting to a network.

## Main features

Model	MSK-101-POE
Use	Indoor or outdoor motion sensor
Detection	Inxpect motion processing engine based on FMCW radar at 24GHz
FOV	90deg Horiz / 30deg Vert *
Maximum distance (person detection)	20m   66ft, configurable in 30cm/1ft steps *
Assembly height	1 to 3m   3 to 11ft
Detection speed	>0.05 m/sec   2 in/sec
Alarm indicator leds	Led on when in alarm (switchable to off)
Electrical interface	802.3af (PoE) for power and data, standard RJ45 socket
Warm up period	Under 1 sec
API	Open REST and HTTPS APIs with end-to-end encryption and secure crypto co-processor
Weight	350g   12.35oz
Operating temperature	-30/+60 °C   -22/+140 °F
Case material	Technopolymer
Certifications	CE, Contains FCC ID: UXS-SMR-3X4, compatible with EN 50131-2-3 Grade 3, Class IV
IP protection degree	IP66+IP67

\* The parameters shown vary according to the sensor settings



The PoE interface on the MSK-101-POE opens up new possibilities to take advantage of Inxpect's proprietary motion algorithms.

With open web, REST and UDP interfaces, integration into any legacy and future systems is easy and effortless.

## Order codes

ARTICLE	APPLICATION	PACK
<b>MSK-101-POE</b>	Volumetric motion sensor IP68 POE	1 pc
<b>MSK-101-BM</b>	Barrier bracket for MSK-101	2 pc