unum-X DT BUS

Indoor Motion detector (BUS)

KSI5112001.300 unum-X DT X5 BUS - Grade 2
KSI5112001.301 unum-X DT X8 BUS - Grade 2

Description and functionalities

unum-X DT X5/X8 BUS indoor motion detector, dual technology with PIR and microwave detection, are professional detectors that guarantee the highest degree of reliability, without incurring any false alarms; they implement Tough Mod2 TM technology, in gold plated, which offers high resistance to heat and humidity and extends the life of the detector.

They are equipped with a mechanism that allows the Fresnel lens to be rotated 180° to obtain two different detection areas:
. **WIDE** (default) = 12 m detection area and 85° coverage area on horizontal plan (**used as volumetric detector**)
. **NARROW** = 18 m detection area and 5° coverage area on horizontal plan (**used as curtain detector**).

unum-X DT X5/X8 BUS motion detectors include two motion detection systems: with mi microware X5 (or X8 in countries where applicable) and with PIR (passive infrared) as well as PET immunity and Supervision functions; connection to the lares 4.0 Ksenia control panel is realized via KS-BUS, all of them can be managed locally or remotely via cloud from Ksenia SecureWeb.
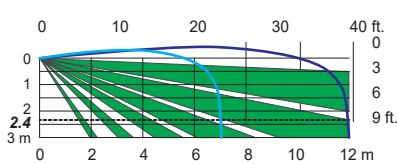
The following functions are programmable:
- PIR sensitivity (3 levels: low, medium, high)
- Microwave sensitivity (2 levels: low, high)
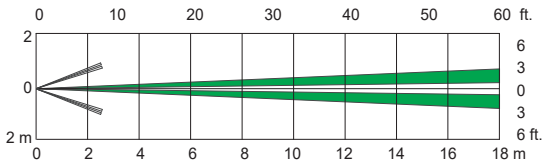- LED indicator (ON/OFF).

180 gradi

Wide - Top view

PIR
MW Low
MW High

Wide - Side view

2.4
3 m
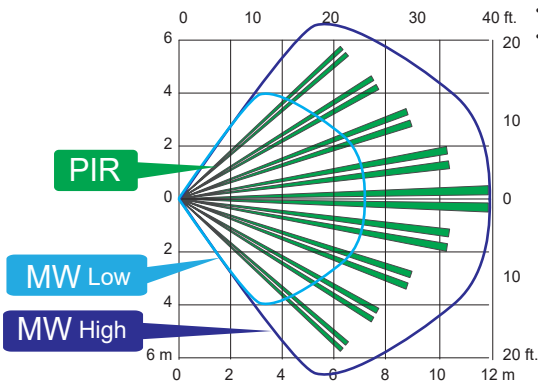
used as volumetric detector

Narrow - Top view

Narrow - Side view

2.4
3 m

used as curtain detector
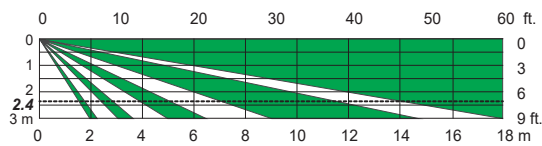
*The *2.4 dotted line indicates the recommended mounting height.*

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Indoor Motion detector BUS

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KSI5112001.301 unum-X DT X8 BUS - Grade 2

ACCESSORIES
- KSI5900006.001
  Bracket with tamper
  for wall and
  ceiling mounting.

COMPLIANCE
- Europe - CE, RoHS

CERTIFICATIONS

PET IMMUNITY - Pet immunity requires the setting of the PIR Sensitivity to the "LOW" level.

Technical data

Power input	13.8 Vdc (typical)
Consumption	14 mA (normal) / 19 mA (max.) at 12 Vdc
Protection	Cover and Wall tamper
Detection method	Passive infrared (PIR) and Microwave (MW)
Rotating lens	Fresnel 180° - Rotate for Wide or Narrow coverage
Coverage	Wide: 12 m 85° - Narrow: 18 m 5° (No MW detection with Narrow lens)
Detection zones	Wide: 76 zones - Narrow: 12 zones
Mounting height	from 2 to 3 m (2.4 m recommended)
Detection speed	0.3 - 2.0 m/sec
Warm-up period	60 s (LED blinks)
MW frequency	- X5:10.525GHz - X8:10.587GHz
Pet immunity	Yes (PIR with low sensitivity, up to 30 cm of the animal's height)
LED indicator	LED green: Stand-by: OFF - Alarm/tamper: ON
Operating temperature	[-10°C +40°C]
Temperature compensation	Digital (SMDA)
Environmental Humidity	95% max
Dimensions	129.2 x 61.5 x 50.9 mm (HxWxD)
Weight	105 g
Mounting	Indoor: wall or corner (with brackets: wall, ceiling)

unum-X motion detectors are covered by 5-years warranty.

Scan-me to download
unum-X Indoor Motion Detectors
Technical Documentation

Quantity data

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of BUS sensors	8	8	40	40	64	64

Technical specifications, appearance, functionality and other product characteristics may change without notice.