

Indoor Motion detector BUS



KS15112011.300 unum-X DT/AM X5 - Grade 3
KS15112011.301 unum-X DT/AM X8 - Grade 3

Description and functionalities

unum-X DT/AM X5/X8 bus dual technology indoor motion detectors, with PIR, microwave detections and anti-masking, 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) = 15 m detection area and 85° coverage area on horizontal plan (used as volumetric detector)
- **NARROW** = 24 m detection area and 5° coverage area on horizontal plan (used as curtain detector).

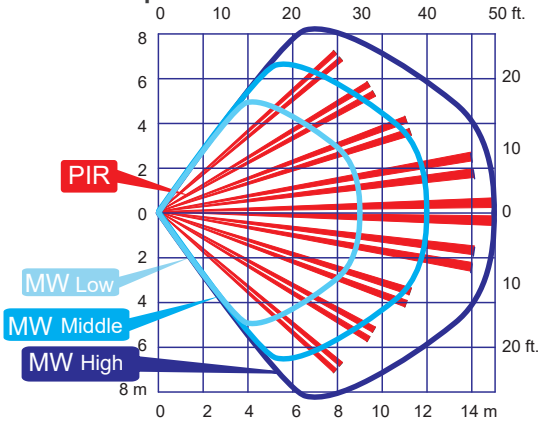


Installation of unum-X DT X5/X8 BUS motion detectors is extremely simple: connection to the lares 4.0 Ksenia control panel is realized via KS-BUS, all of them can be managed locally or remotely via cloud from Ksenia SecureWeb.

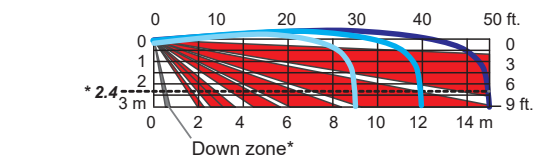
The following functions are programmable:

- PIR sensitivity (4 levels: low, middle, high, very high)
- Microwave sensitivity (3 levels: low, middle, high)
- Antimasking sensibility (3 levels: low, middle, high)
- Multicolour LED indicator (ON/OFF) for: Warm-up, Alarm and masking detection, PIR detection, Microwave detection and self test error, Low voltage.

Wide - Top view



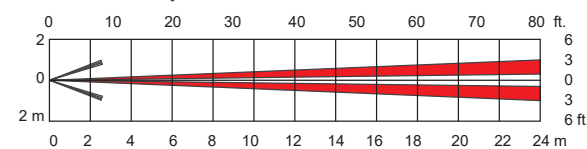
Wide - Side view



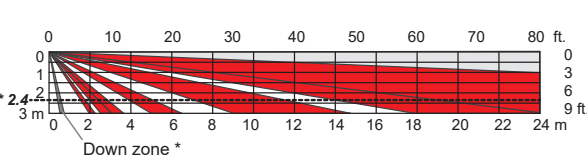
used as volumetric detector



Narrow - Top view



Narrow - Side view



used as curtain detector



The *2.4 dotted line indicates the recommended mounting height.
Settings ON/OFF of Down zone* (Grade 3) by manual settings.

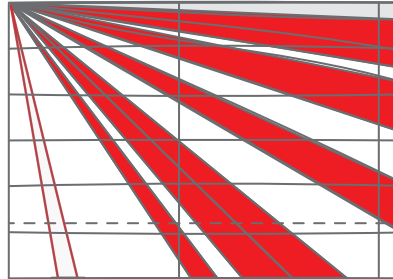


KSI5112011.300 unum-X DT/AM X5 - Grade 3
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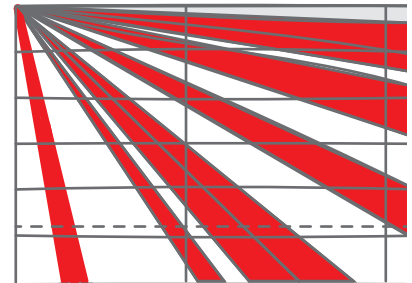
Downzone detection area

A mechanical lever switch inside the detector, enables the "downzone" that is to detect the zone below the sensor which makes the detector Grade 3.

OFF (Default)



ON (Grade 3)



ACCESSORIES

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



COMPLIANCE

- Europe - CE, RoHS

CERTIFICATIONS

Technical data

Power input	13.8 Vdc (typical)
Consumption	14 mA (normal) / 20 (max.) at 12 Vdc
Detection method	PIR + Microwave (X5: 10.525 GHz / X8: 10.587 GHz) + Anti-masking
Rotating lens	Fresnel 180° - Rotate for Wide or Narrow coverage
Coverage	Wide: 15 m 85° - Narrow: 24 m 5° (No detection MW with Narrow lens)
Detection zones	Wide: 80 zones - Narrow: 20 zones
Mounting height	from 2 to 3 m (2.4 m recommended)
Detection speed	0.2 - 2.5 m/s
Warm-up period	60 s approximately (multicolour LED blinks)
Multicolour LED indicator	Switchable ON/OFF - Multiple : Warm-up, Green: Alarm and masking detection, Purple: PIR detection, Yellow: Microwave detection and self test error, Red: Low voltage
Operating temperature	[-10°C +40°C]
Temperature compensation	Digital (SMDA)
RF Interference	No alarm 10 V/m
Humidity	95% max
Dimensions	159.1 x 62.2 x 55.7 mm (HxWxD)
Weight	210 g
Mounting	Indoor: wall or corner (with bracket: wall or ceiling)

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



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

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



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