HILTRON security

XM7DT

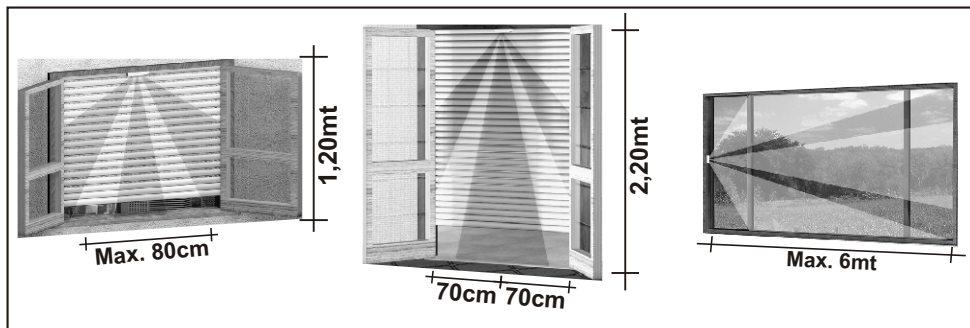**Mini detector with double technology curtain for doors and windows**

FEATURES

- Dual element digital sensor: 1
- Microwave sensor: 24,125GHz
- New automatic AND / OR function (anti-masking) programmable
- High immunity: 30Vm
- TNominal supply voltage: 12V±10%
- Maximum absorption: 28mA (on +12V); 1mA (on MPX)
- Coverage: 6mt
- Coverage angle: L: 50°; V: 10°
- Signaling LED: escludible
- Degree of security: 1
- Environmental class: 2
- Dimensions (L): 100mm
- Dimensions (H): 21mm
- Dimensions (P): 31mm

RECOMMENDED INSTALLATION
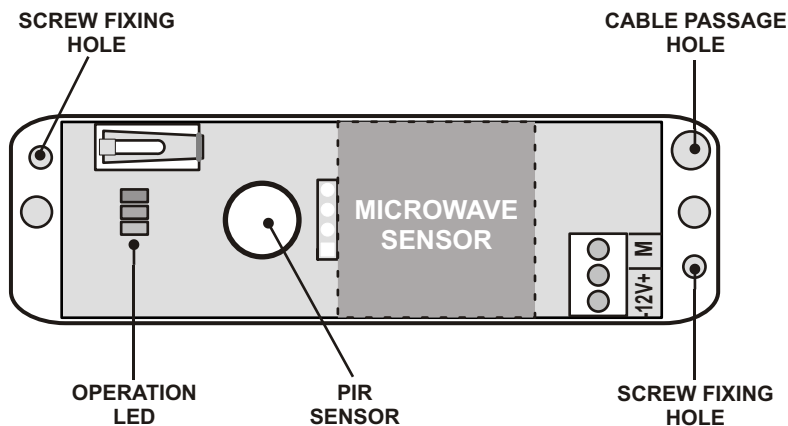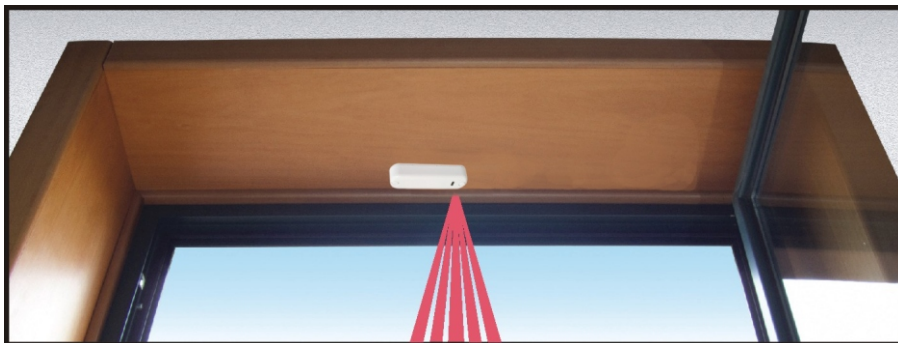

1,20mt — Max. 80cm

2,20mt — 70cm 70cm

Max. 6mt

The XM7DT volumetric detector is equipped with a circuitry made in SMT technology to ensure greater stability during use and greater immunity to electromagnetic disturbances.

The sensitivity adjustment allows it to be installed on doors and windows up to a maximum size of 6m.
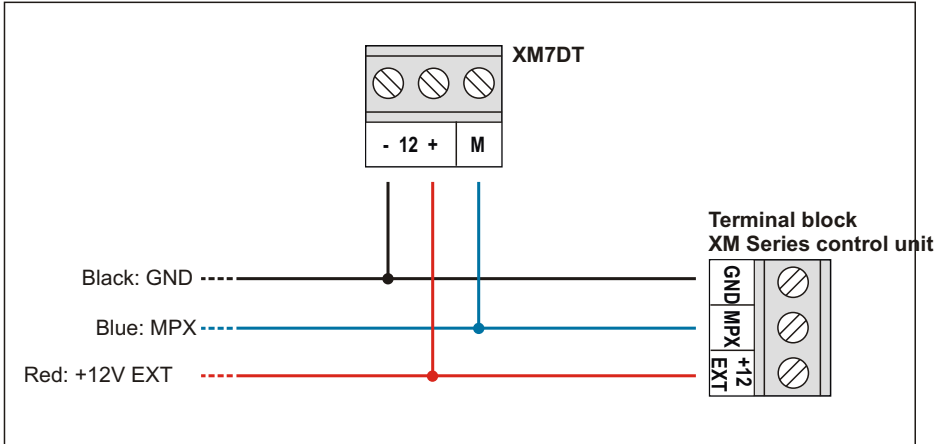
HILTRON
security

INSTALLATION

- Install inside the frame and mount it at the top center of the frame (see figure), with the lens facing down.
- Secure the sensor base with two plugs, or use the double-sided adhesive strip supplied.
- Make connections to the control unit, as shown in the figure
- Close the lid and tighten the screws that secure the lid fastening.
- Insert the supplied screw caps.
- Also avoid the installation between the shutter and the internal frame.

SCREW FIXING HOLE

CABLE PASSAGE HOLE

MICROWAVE SENSOR

-12V+ M

OPERATION LED

PIR SENSOR

SCREW FIXING HOLE

ATTENTION: Do not touch the pyroelectric sensor with your fingers!

Make the connections according to the following diagram:

OPERATING

NORMAL operation (AND)
The detector generates the alarm condition when the two sensors are simultaneously active.

AND-OR operation (3 intervention levels)
The detector generates the alarm condition when:
- the two sensors are active at the same time.
- only one of the two sensors is activated repeatedly over a period of time determined by the set sensitivity, while the other sensor remains inactive.

    NOTE: Using the AND-OR function it is advisable to adjust the sensitivity to MEDIUM / LOW levels.

LED OPERATING

- **Green** - Microwave
- **Yellow** - Infrared
- **Blue** - Alarm

XM7DT - Operating

The following table illustrates which are the main functions of Type13 (T13)

PARAMETERS	
01	ENABLING
02	DESCRIPTION
03	SERIAL
04	STATUS MPX
05	ERROR LINK MPX
06	TAMPER / INPUT 24H
07	POLAR. NA/NC
08	TYPELOG/BAL
09	MANIP . LINE
10	UNUSED
11	SENSIBILITY 1 TO 8
12	NUM. IMPULS 1 TO 4
13	NUM. IMPULS 1 TO 8
14	FUNCTION . LED
15	INSTALLATION
16	AREA
17	FUNCTION
18	COMMAND INSTALLAT.
19	COMMANDE MODE
20	COMMANDE LEVEL
21	HOLDUP
22	GONG IM .
23	GONG RIT
24	INVERS. COMMANDE
25	OUTPUT TYPE
26	START IMPULSE (ST/EV)
27	OUTPUT ON BAD MPX
28	LED
29	LOGIC OUTPUT
30	MES. COMMON. DIGIT.
31	ECHO OUTPUT

AND-OR SENSITIVITY	
0	NORMAL operation (AND)
1	AND-OR function Active: LOW intervention sensitivity
2	AND-OR function Active: AVERAGE intervention sensitivity
3	AND-OR function Active: HIGH intervention sensitivity

OPERATING LED	
1	LOCAL
2	LOCAL WITH MEM.
3	ONLY MEM.
4	OFF
5	REMOTE NORM.
6	REMOTE NEGAT.

FUNCTION	
00	NO ONE
01	DISCONNECTION
02	CONNECTION
03	CONN . / DISCONN .
04	CONNEC. SILENT
05	CONN . SIL. / DISC .
06	STOP HOLDUP
07	STOP ALARM
08	ZONE IMMEDIATE
09	ZONE DELAYED
10	24H