



EN 50131-1  
EN 50131-2-4  
EN 50130-4  
EN 50130-5  
CEB T031



# QDT200H3

## WIRED DETECTOR WITH DUAL INFRARED AND MICROWAVE TECHNOLOGY AND ANTI-MASKING FUNCTION

The QDT200H3 indoor motion detector from the QTech line with wired connection is designed to satisfy the needs of protection and security thanks to the combined action of two infrared emissions and a microwave sensor.

The QDT200H3 provides digital signal analysis, adjustable sensitivity, automatic temperature compensation and a self-test function. These features allow the detector to meet the requirements for grade 3 certification according to the EN50131-2-4 standard. The device integrates anti-tamper protection against opening, dislodgement and masking tamper.



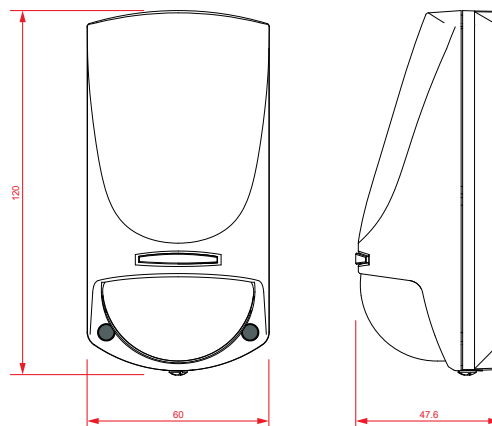
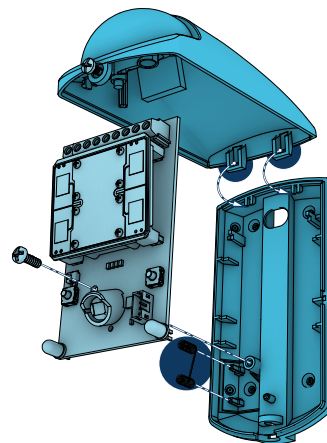
### — Technical specification

- Digital signal analysis
- Coverage: 15m
- Detection angle: 90°
- Pulse counter
- Temperature compensation
- White light immunity
- Signalling LED
- Signals from bypassable LEDs
- Remote control of LEDs
- Anti-opening protection
- Protected against break-off tamper
- Anti-masking protection
- Bypassable sensors
- Adjustable sensor sensitivity
- "AND" and "Smart-OR" functions for alarm trigger
- Self-test

### Main features

Operating voltage	
Input voltage	range: from 10 to 16 V  nominal: 12.6 V
Stand-by current draw	20mA
Maximum current draw	25mA
Detectors type	digital dual PIR, microwave module
Detection mode	Infrared emission + doppler effect
Type of microwave antenna	Plane antenna with FET-GaAs oscillator
Intrusion alarm output	N.C., 16 V , 100 mA max.
Tamper output	N.C., 16 V , 100 mA max.
Fault signalling output	N.C., 16 V , 100 mA max.
Detection range (max.)	15m
Detection angle	90°
Security rating	3 2, if mounted by means of the XBK100 swivel
Complies with standards	EN50131-2-4; EN50131-5-3
Environmental class	II
Installation method	wall-mounting
Installation height	2.2m
Dimensions	120 x 60 x 48 mm
Weight	100g
Microwave	
Band frequency	QDT200H3-A: 10.520 – 10.530 GHz QDT200H3-D: 10.582 – 10.592 GHz
RF output power (max.)	<20 mW e.i.r.p. (13 dBm)
Operating environmental conditions	
Temperature	from -10 to +40°C
Relative humidity	<93% without condensation

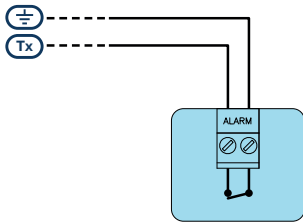
### — INSTALLATION



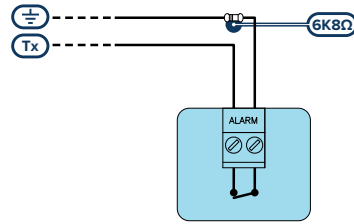


## Balancing

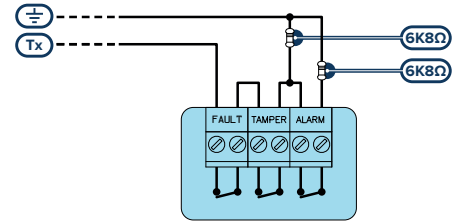
### N.C.



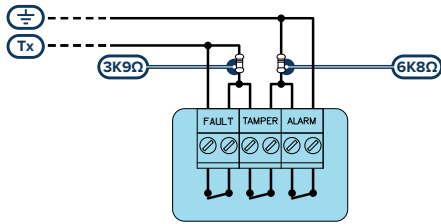
### Single balancing



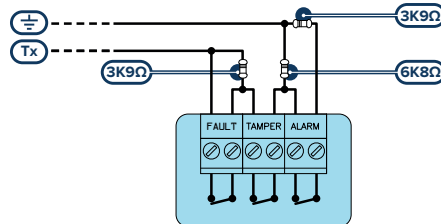
### Double balancing



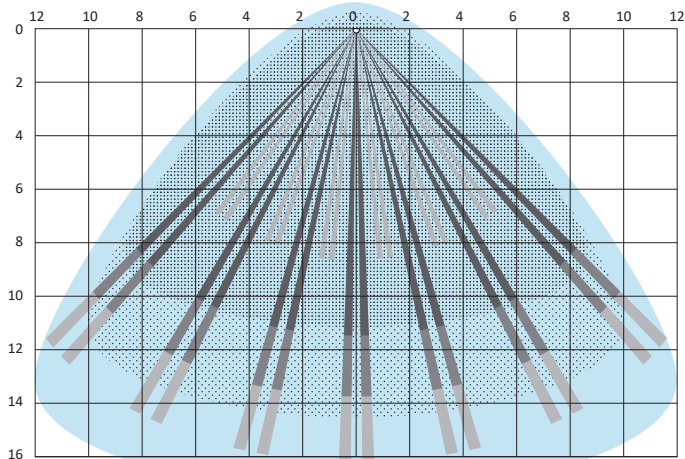
### Triple balancing



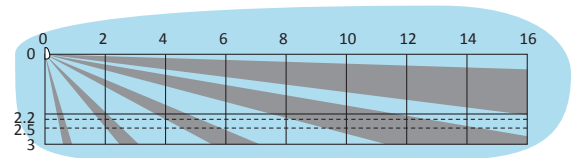
### Triple balancing with EOL



## Coverage



Top view



Side view

## ORDER CODES

### QDT200H3

Wired detector with dual infrared and microwave technology and anti-masking function.

### XBK100

Swivel bracket for QTech detectors.



Centobuchi, via Dei Lavoratori 10  
63076, Montepandone (AP), ITALY  
Tel. +39 0735 705007 \_ Fax +39 0735 704912

info@inim.biz \_ [www.inim.biz](http://www.inim.biz)

DCSTINE0QDT200H3-100-20220426

Inim distributor's stamp and signature