



KAPTURE

Curtain dualtech sensor
programmable by smartphone

KAPTURE

INTEGRAL SECURITY ON THE WHOLE SIDE



KAPTURE is the new double technology outdoor detector designed for the perimeter curtain protection of buildings.

The detection, with range up to 12m, is ensured by the combination of a passive infrared element and a latest generation 24GHz pulsed microwave transceiver.

Equipped with protections antimasking, anti-opening and anti-removal (with inclinometer), it can be mounted at a recommended height between 2 and 4m.

The angular bracket (included) allows the inclination of the sensor in max-height installations.

Digital Analysis Algorithm.

The signal of the single heads is analyzed by a digital algorithm specially developed to guarantee a fast, accurate and reliable curtain detection - ensuring the full efficiency of the sensor even in the most difficult environments.

BT wireless walk-test and programming







The calibration of the sensor is simple and immediate: a single trimmer adjusts the sensitivity of infrared and microwave. The sensor also allows more adjustments through the use of the App VIEW SENSOR on mobile device in BT wireless connection (BT-LINK-S module optional), with the further advantage of view in real time the detection activity during the walk-test in the protected area.

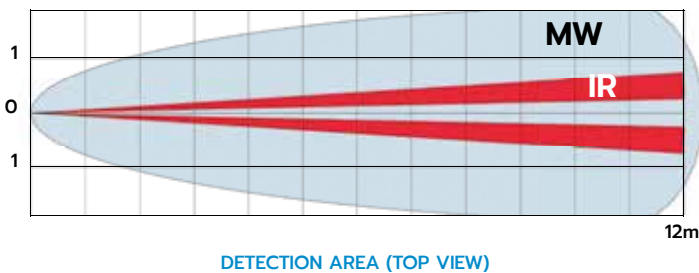
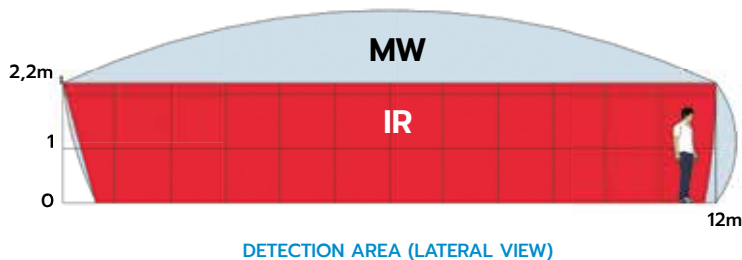
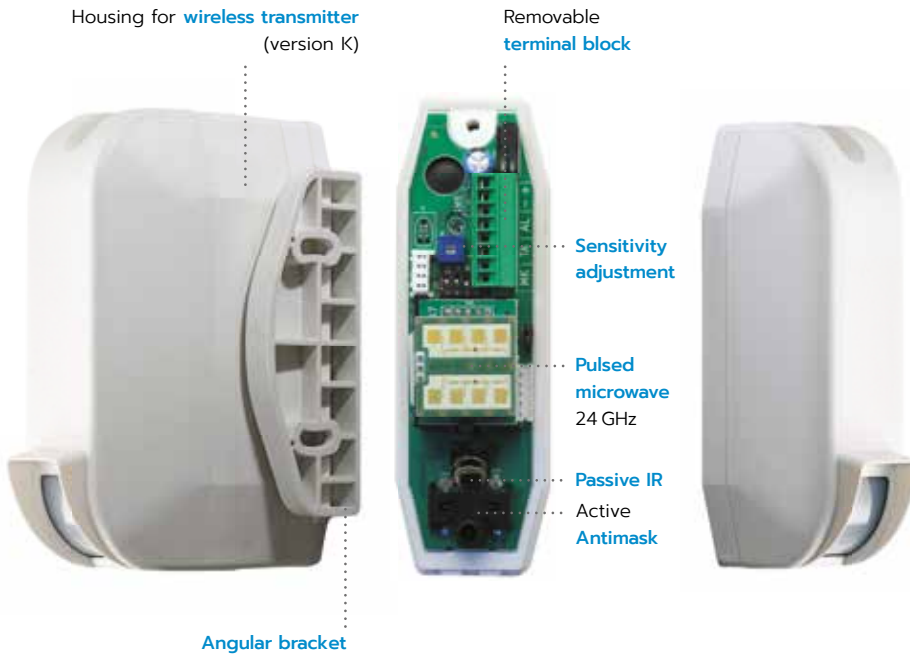
Active Antimasking

KAPTURE integrates an active infrared anti-masking system that readily detects any attempts to mask the sensor.

Automatic temperature compensation

The sensor automatically adjusts the detection parameters to the outside temperature.

-  **Infrared + Pulsed microwave** 24GHz
-  **Active Antimasking**
-  **Curtain protection** of one side building
-  **Maximum range** 12m
-  **Mounting height** up to 4m
-  **Wireless BT Walk-test and Programming** (App View Sensor)
-  **Automatic temperature compensation**
-  **90° Wall mount Angular Bracket**



VIEW SENSOR

The most innovative system on the market for outdoor sensors installation

- ✓ Direct BT wireless connection to the sensor
- ✓ Digital Walk-test with real time visualization of each single head signal through the APP
- ✓ Complete configuration of the sensor through the APP, with more settings than manual programming
- ✓ Visualization of the events number stored in the sensor
- ✓ VIEW SENSOR App available for Android devices on Google Play

DOWNLOAD



WATCH THE VIDEO



Wireless Module BT-LINK-S2
(optional)

TECHNICAL DATA

| | KAPTURE-R | KAPTURE-R-868 | KAPTURE-F | KAPTURE-K |
|-------------------------------|--|---------------|---|---|
| VERSION | Wireless 433 | Wireless 868 | Wired | Low consumption - wireless ready |
| DETECTION TECHNOLOGY | 1 passive infrared (Fresnel lens) + 1 planar pulsed microwave 24GHz | | | |
| MOUNTING HEIGHT | recommended from 200cm to 400cm | | | |
| DETECTION AREA | Range: up to 12m - Vertical opening: about 73° - Horizontal opening: about 7,5° | | | |
| ORIENTATION | Possibility of vertical inclination through the support bracket (included) | | | |
| SENSITIVITY ADJUSTMENT | Adjustment combined for both technologies from 30% (L) up to 100% (H) (by potentiometer) Completely independent for each head from 30% (L) up to 100% (H) (by App ViewSensor) | | | |
| MANUAL SETTINGS | Complete walk-test for both heads with led | | | |
| WIRELESS BT SETTINGS | Walk-test and programming with BT-LINK-S wireless module (optional) + App VIEW SENSOR for Android | | | |
| DIGITAL ANALYSIS | DUALSENSE algoritm for digital validation of the combined infrared and microwave signal Automatic temperature compensation | | | |
| AUTOPROTECTION | (1) Active IR antimasking - (2) Mechanical antiopening - (3) Digital inclinometer antiremoval | | | |
| POWER SUPPLY | Lithium pack 6V 2xCR2 (mod. 0BT0004) (autonomy approx. 2 years) | | 12Vdc | 2 lithium batteries 3V CR2 (autonomy approx. 2 years) |
| SIGNALLING AND OUTPUTS | Wireless transmissions: Alarm, Tamper, Masking, Low battery, Supervision | | Alarm, Tamper, Masking (NC optomos outputs) | Alarm, Tamper, Masking, Low battery (NC optomos outputs) |
| VISUAL SIGNALLING | 1 red led for PIR (only in walk-test) + 1 blue led for alarm (can be disabled) | | | |
| OPERATIVE TEMPERATURE | -40°F to +158°F (-40°C to +70°C) - 95% relative humidity | | | |
| DIMENSIONS | 128 x 41 x 48 mm | | | 128 x 41 x 81 mm (included housing for wireless transmitter) |

Headquarters

Via Bard, 12/A • 10142 Torino (TO) • Italy
Tel +39 011 7701428 • Fax +39 011 7701429
info@duevi.eu • www.duevi.eu • [in](#) [u](#)

