

MAIN FEATURES

- **Wireless technology for maximum security**
- **Curtain detection lens (1m curtain width)**
- **Dual tamper function**
- **PIR motion detector**
- **LS14500 SAFT AA Lithium battery for extended battery life**
- **Transmits check-in/status signal every 8 minutes**

Description

The **IMDC** is a wireless, curtain detection, indoor motion detector designed for use in Videofied security systems.

The IMDC is an dual-element passive infrared system with a curtain Fresnel lens.

The detector is powered by one lithium battery that can last up to 4 years depending on the amount of detector activity.

Please install the detector 10 to 20 cm from the wall to be protected. The detection field should be parallel to that wall. Please ensure that an open door or window will not mask the IMDC detection field.

The detector transmits a check-in signal every eight minutes that includes its unique identification code along with the current detection sensor state, tamper condition, serial number, date of manufacture, software revision, and battery status.



Features

- > S²View[®] spread spectrum radio protocol.
- > AES encrypted secured wireless system.
- > Bidirectional radio transmission between the devices and the panel.
- > Curtain Fresnel lens. Motion detection field : 1m width.
- > Wall and cover tamper
- > Lithium battery : up to 4 years of battery life.

Properties

Panel Compatibility W, XL, XT, XV, Visio and their variants

Power requirements

Type	AA
Nominal Voltage	3.6v
Low battery limit	2.7v
Battery type	SAFT, AA, Lithium, LS14500
Quantity	1
Battery life (estimated)	Up to 4 years

Current Consumption

Standby (1h average)	40 uA
Max	37 mA

RF Technology S²View® Bidirectional Radio

Central Frequency	868MHz : IMDC200 (Europe, Africa, Asia)
Radio type	Spread Spectrum Bidirectional RF
Transmission security	AES algorithm encryption
Supervision	Panel polls devices every 8 minutes
Antenna	Integrated
Tamper	Wall and cover tamper

PIR Performance

Technology	Passive infrared DSP
Type	Dual element
Lens	Fresnel
Detection angle	5° max curtain detection
Detection Distance	Up to 12m

Installation / Mounting

Mounting Height	2 meters
Mounting on flat wall	With 2 x Screws
Closing of the Casing	Closing by clip and screw if required by local legislation

Environmental and Physical Properties

Operating temperature	-10° to +40° C
Maximum relative humidity	75%, non-condensing
Protection markings	IP30/IK04
Material	ABS—ULVO
Dimensions	(LxWxD): 2.75 x 2 x 1.5in 51.2 x 80.9 x 36.8mm
Weight	3 oz./58 g (without battery)

Certifications & Standards

868MHz – IMDC200



NF&A2P – Grade 2 – suivant le référentiel **NF324-H58**

Matériels de sécurité électroniques, détection d'intrusion

DETECTEUR DE MOUVEMENT A INFRAROUGE PASSIF

Marque commerciale :	VIDEOFIED
Référence produit :	IMDC200
Certificat N° :	XXXXXXXX

Organisme certificateur : CNPP Cert.

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