

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.

CURTAIN MOTION DETECTOR **IMDC**

ELECTRICAL PROPERTIES

Panel compatibility	W, XL, XT, XV, Visio and their variants
Power requirements	Type C - (1x) 3,6 V LS14500 Lithium battery
Nominal voltage	3.6 V
Low battery limit	2.7 V
Battery life (estimated)	Up to 4 years
Current Consumption	
Standby (1h average)	40 µA
Max	37 mA

RADIO PROPERTIES

S2View® RF Technology	
Radio type	Spread spectrum bidirectional RF
Operating frequency	<ul style="list-style-type: none"> 868MHz - IMDC 200 (Europe, Africa, Asia)
Transmission security	AES algorithm encryption
Supervision	Radio, batteries, tamper
Radio antenna	Integrated

DETECTION PROPERTIES

Infrared detection specifications	
Technology	Passive infrared DSP
Type	Dual element
Detection lens	Fresnel
Detection angle	Curtain (5° max)
Detection range	Up to 12m
Tamper	
	Wall and cover tamper

BOX

Physical properties	
Material	ABS—ULV0
Dimensions	51.2 x 80.9 x 36.8mm
Weight	58 g (sans pile)
Environnemental properties	
Operating temperature	-10°/+55° C
Maximum relative humidity	75%, non-condensing
Protection marking	IP30/IK04
Installation / Mounting	
Mounting height	1,70 m
Mounting on flat wall	2 screws
Closing of the casing	Closing by clip and screw if required by local legislation

STANDARD AND CERTIFICATIONS



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

Matériels de sécurité électronique, détection d'intrusion

DETECTEUR DE MOUVEMENT A INFRAROUGE PASSIF

Marque commerciale	Videofied
Référence produits	IMDC200
N° de certification	2603200009
NF EN50131-2-2 Grade 2	2008
NF EN50130-4	2011
NF EN50130-5 Environment class II	2011

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