

Code: ACD-220-BR

## WIRELESS, CURTAIN PIR DETECTOR **ACD-220-BR** (Curtain Detector BR) ABAX2 SATEL



The curtain detector provides a narrow detection angle.

The ACD-220-BR supports the other devices compatible with wireless ABAX2 system.

Support:	Wireless alarm systems SATEL ABAX2
Battery power supply:	1 x CR123A 3 V Lithium battery (included)
Battery lifetime:	~ 2 years
Current consumption:	<ul style="list-style-type: none"><li>• 15 mA (max)</li><li>• 70 <math>\mu</math>A (Standby mode)</li></ul>
Frequency range:	868.0 ... 868.6 MHz
Radio communication range (at open area):	max. 2000 m ACU-220 , max. 1200 m ACU-280
Application:	Indoor
Sensor type:	Passive Infra Red (PIR)
Detection angle / Detection range:	15 ° / 5 x 1 m
Sensitivity adjustment:	✓
Prealarm feature:	—
Digital temperature compensation:	✓



# DATA SHEET

Pet immunity:	—
Target speed range:	0.3 ... 1 m/s
Compliance with standards:	EN50130-4, EN50130-5
Environment class:	II according to EN50130-5
Main features:	<ul style="list-style-type: none"><li>• Curtain lens</li><li>• digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters</li><li>• Bi-directional encrypted radio communication - AES</li><li>• Frequency hopping against jamming for reliable transmission</li><li>• Monitoring of motion detection system</li><li>• battery diagnostics</li><li>• The "ECO" option allows to extend the battery life up to four times (only in ABAX2)</li><li>• Tamper detection - opening the enclosure, removing from mounting surface</li><li>• LED indication</li><li>• Remote update of module software</li><li>• Remote configuration</li><li>• Built-in temperature sensor, Temperature measurement : -10 °C ... 55 °C</li></ul>
Color:	Brown
Operation temp:	-10 °C ... 55 °C
Weight:	0.022 kg
Dimensions:	105 x 25 x 20 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years