

Code: OPAL-PRO

## DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR **OPAL-PRO** SATEL

Digital dual technology detector equipped with PIR and microwave detection.  
 The OPAL-PRO detector design meets the requirements of the EN 50131-2-4, Grade 3 standard. Thanks to this, this device can be used to protect the interior of objects which are particularly prone to burglary, where high degree of protection is required, among others in jewellery stores and in public buildings.  
 The OPT-1 remote controller support. (Attention: remote controller is available to buy as a separate item).



Application:	Outdoor
Pyroelectric sensor:	Double
Sensor type:	Passive Infra Red (PIR) and microwave (MW)
Recommended installation height:	2.4 m
Range:	max. 12 x 15 m
Detection angle:	100 °
Sensitivity adjustment:	16-step - Control using the keys, Remote controller
Alarm output:	NC
LED indication:	<ul style="list-style-type: none"> <li>• 4 s Green - MW detector</li> <li>• 2 s Red - Alarm signaling</li> <li>• 4 s Yellow - PIR detector</li> </ul>
Tamper output:	NC
Microwave frequency band:	24 GHz
Pet immunity:	≤ 20 kg
Antimask feature:	Active IR Anti-Masking

Alarm time:	2 s
Maximal outputs load:	<ul style="list-style-type: none"> <li>• 40 mA / 16 V DC - Relay output</li> <li>• 50 mA / 12 V DC - Day/night mode, OC</li> </ul>
Digital temperature compensation:	✓
Protection class (Grade):	EN 50131-2-4, Grade 3
Environmental class EN 50130-5:	IIIa
Power supply:	12 V DC / 20 mA
Operation temp:	-40 °C ... 55 °C
Target speed range:	0.3 ... 3 m/s
Color:	White
Main features:	<ul style="list-style-type: none"> <li>• "Index of Protection" - IP54</li> <li>• EN 50130-4, EN50130-5, EN 50131-1, EN 50131-2-4</li> <li>• digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters</li> <li>• Immunity to environmental changes</li> <li>• Creep zone control</li> <li>• Tamper detection - opening the enclosure, removing from mounting surface</li> <li>• Twilight Sensor - Open Collector output (OC),</li> <li>• Remote management</li> </ul>
Weight:	0.180 kg
Dimensions:	139 x 65 x 58 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years