

Code: ACMD-200

WIRELESS CARBON MONOXIDE (CO) DETECTOR **ACMD-200** ABAX2 SATEL

ACMD-200 is a wireless carbon monoxide (CO) detector that senses the dangerous concentration of this gas in a monitored room. A digital temperature compensation feature allows to operate within a wide temperature range. The ACMD-200 can work autonomously or as part of a two-way wireless system ABAX2.

Gas concentration above the threshold level triggers visual and audible alarm signals. Device should be mounted at a height of about 1.5 ... 2.0 m above the floor.



Support:	Wireless alarm systems SATEL ABAX2
Detection:	Carbon Monoxide (CO)
Alarm signaling:	<ul style="list-style-type: none"> • Acoustic (buzzer) • Optical (LED)
Gas concentration to trigger alarm:	50 ... 75 ppm for 75 minutes 75 ... 120 ppm for 25 minutes > 120 ppm for 1 minute
Frequency band:	868.0 ... 868.6 MHz
Radio communication range (at open area):	<ul style="list-style-type: none"> • 2000 m - ABAX2 @ ACU-220, • 1200 m - ABAX2 @ ACU-280
Application:	Indoor
Battery power supply:	1 x battery CR123A 3 V (included)
Current consumption:	120 mA (max) 14 µA (Standby mode) - Autonomous operation 62 µA (Standby mode) - ABAX2
Backup time:	~ 5 years - Autonomous operation ~ 2 years - ABAX2

Digital temperature compensation:	✓
Recommended installation height:	1.5 ... 2.0 m above floor level
Main features:	<ul style="list-style-type: none"> • Electrochemical carbon monoxide detector • Detector lifetime : 10 years • Test mode • Monitoring of the gas sensor • Failure signaling • battery diagnostics • Low battery level alarm • The "ECO" option allows to extend the battery life up to four times (only in ABAX2) • Bi-directional encrypted radio communication - AES • Frequency hopping against jamming for reliable transmission • Built-in temperature sensor, Temperature measurement : 0 °C ... 55 °C • Tamper protections - opening the cover
Operation temp:	0 °C ... 55 °C
Weight:	0.14 kg (without battery)
Dimensions:	Ø 108 x 49 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years