Secoris wireless repeater (signal amplifier)

ABUS
Security Tech Germany

TRANSMITS STRONG WIRELESS SIGNALS

The Secoris wireless repeater is an optional additional module for the hybrid-capable Secoris intrusion alarm system. It is used if the range of one or more wireless components is not sufficient to bridge the distance to the Secoris wireless extension or if other factors (e.g. building fabric) impair the wireless signal.

Optimum wireless range throughout the building

The wireless repeater extends the range of all Secoris wireless components to the Secoris wireless extension. Up to 10 wireless components can be integrated per repeater, 2 repeaters per wireless extension, thus max. 20 wireless components per Secoris alarm system.

Convenient configuration, simple installation

The wireless components to be amplified are selected manually in the wireless extension menu and then automatically transmitted to the repeater. The wireless repeater is supplied with power via a 12 V power supply unit and is backed up by an emergency power supply in the event of a power failure.

Extension module for the Secoris intrusion alarm system

The wireless repeater is wirelessly taught into the Secoris intrusion alarm control panel via the BUS wireless extension BUM060030. It supports the secure Secoris wireless protocol, so transmission is AES128-encrypted (same security level as in online banking) and protected against so-called replay attacks.

Technologies

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- Additional module to increase the range and amplify the signal of Secoris wireless components
- Enables good wireless accessibility anywhere in the building
- Opens up rooms, parts of buildings and outdoor areas for wireless components that would otherwise not be suitable for wireless operation due to long distance to the Secoris wireless extension or the shielding building structure
- Amplifies the signal for max. 10 Secoris wireless components, e.g. motion detector, smoke alarm or wireless outdoor siren
- Low-maintenance operation with external power supply, with integrated emergency power supply via battery
- EN Grade 2 certified

Technical data - Secoris wireless repeater (signal amplifier)

Backup power supply	Yes
Battery - GRS type	Alkaline
Battery - quantity	2
Battery - type	1,5V AA Alkaline
Certifications	EN 50131 Grade 2, VSÖ GS N
Compatible with	Secvest, Secoris
Connections	Voltage
DC voltage supply	12 V
Dimensions	(WxHxD) 130x155x42 mm
Display	3 LED
Environmental class	II
Fuse	Yes
Height	155 mm
Housing material	ABS
IP protection class	34
Inputs	power supply, USB
Installation location	Surface Mounting
Integrated siren	No
LAN network access	No
Language of instructions	DE,EN,FR,NL,DK,IT
Length	42 mm
Max. backup power supply duration	25 h
Max. humidity	94 %
Max. operating temperature	55 °C
Max. receiving range (building)	30 m
Max. receiving range (free field)	500 m

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Max. transmission range (building)	30 m
Max. transmission range (free field)	500 m
Min. operating temperature	-10 °C
Modulation	FM
Net weight	0,274 kg
OSD language	DE,EN,FR,NL,DK,IT
Operation	via Control Panel
Power consumption	50 mA
Radio alarm bandwidth	20 kHz
Radio frequency	868,6625 MHz
Radio power	10 mW
Sabotage monitoring	Yes
Security level	2
Software version	1.3.2
Transmission path	Wireless
Type of inputs	Voltage
Voltage monitoring	Yes
Width	130 mm