

Code: SMART-HUB

WIRELESS SYSTEM CONTROLLER **SMART-HUB** BE WAVE SATEL

Net: **276.71 GBP** Gross: **276.71 GBP**

The SMART-HUB controller is the main device of the BE WAVE system. Enables a wide range of system functions, both automation and security related. The SMART-HUB manages the operation of all BE WAVE system devices, which can be connected up to 128 in a single installation.

The **BE WAVE** application is dedicated to management. Simple and intuitive menu makes the system operations simple and obvious. The free BE WAVE application will send a notification to your phone when the sensors detect an event, and you have control of the device at any time, no matter where you are - all you need is Internet access and a smartphone. In the event of an Internet outage, SMART-HUB can also operate in the local mode, in which case it will broadcast the WiFi you need to connect to in order to control your system.

The SMART-HUB built-in wireless system controller uses proven **ABAX 2** technology to communicate between devices, providing safe and secure communication, long range, and advanced power management mechanisms to extend the devices' operating time on a single battery.

The **BE WAVE** System is a family of unique wireless devices, bringing smart solutions to your home, performing home automation functions, protection against intruders, analysis of sensor readings and detection and response to events.



SPECIFICATION

Application:	BE WAVE system
Port LAN:	1 x Ethernet RJ45
Wireless:	<ul style="list-style-type: none">• ABAX2 : 868.0 MHz ... 868.6 MHz,• WiFi : 2.4 GHz IEEE 802.11 b/g/n, 5 GHz IEEE 802.11 a/n
Radio communication range (at open area):	ABAX2 : < 1100 m
LED indicators:	System / Status
Events memory:	5000
Number of supported devices:	128
Number of users:	50
Memory card slot:	microSD - 32 GB included
SIM card slot:	—
Mobile phones support:	<ul style="list-style-type: none">• The BE WAVE free application on Android• The BE WAVE free application on iOS

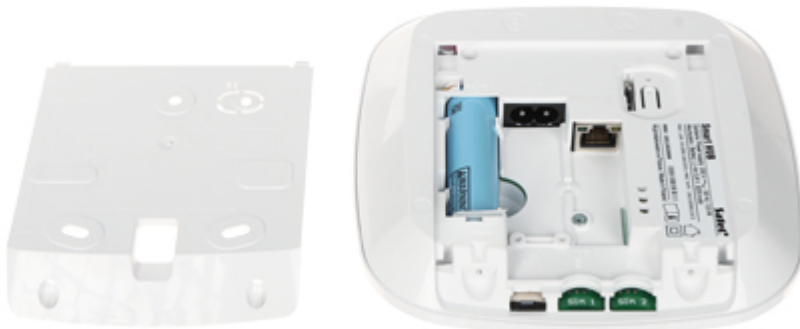


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Main features:	<ul style="list-style-type: none"> • Configuration using the BE WAVE application, • Remote control and management, • WiFi - local access • Bi-directional encrypted radio communication : AES-128 • Transmission channel diversity - automatic selection of the one of 4 channels that will enable transmission without interference with other signals in the 868 MHz frequency band • Independent radio channel for image reception • PUSH personal messaging, • Setting scenarios • Reporting events to two monitoring stations • Supported formats: Contact ID IP, SIA IP • Communication via Ethernet network • Software update via network • The "ECO" option allows to extend the battery life up to four times (only in ABAX2) • Battery charging possible • Battery voltage control • Monitoring the status of the battery • Low battery level alarm • Possibility to mount to the wall • Tamper protection (detection of removing from mounting surface and enclosure opening) • Power cord - included
Housing:	Plastic
Color:	White
Environmental class EN 50130-5:	II
Power supply:	<ul style="list-style-type: none"> • 230 V AC @ 50 Hz, • 18650 battery Li-Ion 3.6 V / 3200 mAh - Emergency Power Supply
Power consumption:	<ul style="list-style-type: none"> • max. 2.65 W (operation) • 1.82 W (Standby mode)
Battery lifetime:	≤ 8 years - ECO mode
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	max. 93 % ± 3 %
Weight:	0.322 kg
Dimensions:	158 x 158 x 30 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years

PRESENTATION

Internal view, after remove the cover:





Connectors:



microSD, SIM1, SIM2 sockets:



Power, LAN connector and RESET button:





In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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