



HBC-100

Network Smart Home Control Gateway

The HBC-100 is a smart home control gateway. It can connect both wired and wireless peripheral devices for controlling light, window curtain, air conditioner, audio/video, sensor, scenario etc. Multiple ways like portable remote, iPhone/iPad/Android App, or HomeScenario touch panel can be deployed to control your house. The HBC-100 is designed to work with HomeScenario IP Intercom system for condominium projects with central management server, so as to provide integrated security and smart home service. Also via HomeScenario AIoT Cloud Platform, the HBC-100 can update its status on real-time base and user can control from anywhere.

Features

- Can expand RS-485 for wired smart home control
- Also supports Z-Wave 2-way mesh networking, RF range up to 30m indoors
- Provides digital input/output connections
- Controls various home systems, e.g. light switch, thermostat, door access, window shades, security monitoring, A/V equipment, as well as scenarios
- Controls via iPhone/iPad/Android/intercom touch panel
- Always updates system status and allows controlling from anywhere via HomeScenario AIoT Cloud Platform
- Works with central management server for large scale deployment with HomeScenario Smart Building System

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Technical Specifications

Interfaces:			
LAN	10/100Mbps		
Digital Input	4x digital inputs, terminal blocks		
Digital Output	1x digital output, terminal block, for wired alarm		
Serial	RS-485 1-way		
Serial	USB		
Program Button	For device program/association and factory reset		
Antenna	Z-Wave		
Power	9-24VDC		
RF Communication:			
Protocol	Z-Wave 2-way RF mesh network		
Frequency	865-930MHz		
Range	30m indoor line of sight, no obstructive		
LED Display:			
Power	Device on/off (power on: solid, power off: off)		
Service	Portal connection (registered: on, not registered: off)		
Mode	Security mode (Arm/Home: on, Disarm: off)		
Alarm	Alarm trigger (alarm trigger: on, solved by disarm: off)		
Wifi	Wifi connection (link: on, send: blink)		
Link	Network connection		
Environmental Conditions:		Dimensions & Weight:	
Operational	0°C to 45°C	Dimension (WxLxH)	137mm x 91mm x 25mm
Storage	-20°C to 60°C	Weight	200g
Humidity	10% to 85% Non-Condensing		
Protection	Indoor		


(**Product specifications subject to change without notice.)


Ordering Information


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About HomeScenario

HomeScenario, Inc. offers cloud-enabled solutions for IP & Analog Intercom, Alarm & Access Control, Video Surveillance, Home Automation, Audio/Video, and Energy Management. Integrating technologies of wireless control and broadband networking, the HomeScenario solutions make comfort, convenience, safety, security, and eco-friendliness available without the need of extensive and costly remodeling. Our products are designed to work seamlessly with systems such as lighting, sensor alarm, thermostat, door access, window shades, security monitoring, home theater, and more. With power features and flexible architecture, HomeScenario solutions can fit various requirements of apartment, villa, hotel, dormitory, office, and commercial building.

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