BLAUPUNKT

User Manual

4G Internet alarm panel BP-APHUB-IV4G

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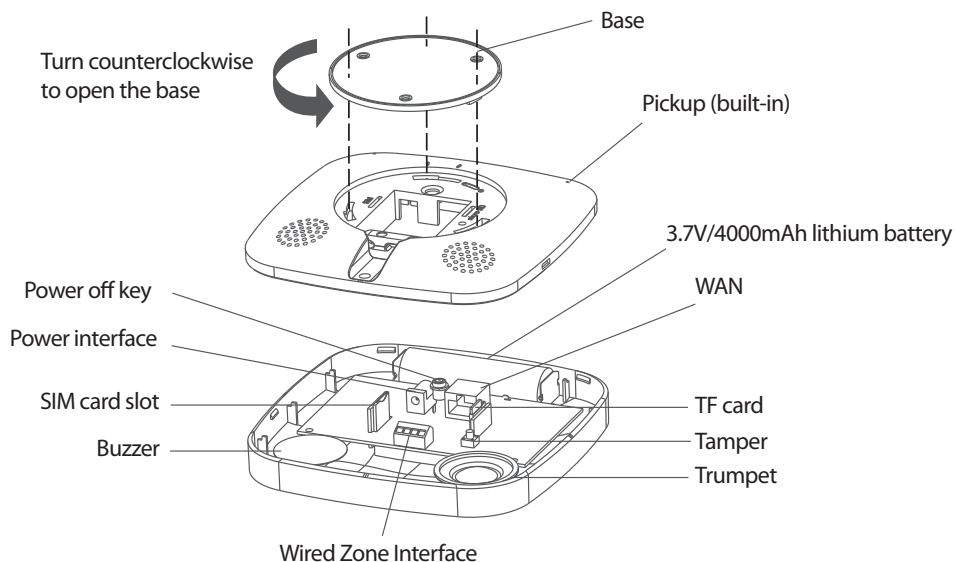Tell: +381 11 318 68 68

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1. Technical parameters

Opening system: Embedded Linux
User Interface: Google Chrome, CMS Client, Mobile Client
Audio format: Support G711 two-way voice
Video format: H.264 / H.265
Network interface: 10M / 100M adaptive network interface
Modulation method: FSK
Wireless working frequency: 433 / 868MHz (optional)
Supported protocols: Meian P2P protocol, Onvif protocol, Meian private protocol
Wireless Connectivity: Only supports Meian wireless products
Zone attributes: 32 wireless zones, 1 wired siren, 1 single bus zone
4G module (optional): Support remote preview parameter setting
SIM card type: Micro SIM
Network support: WiFi, 4G / 2G (optional)
WiFi Protocol: 802.11 b/g/n
TF card: Support 8~128G standard TF card
Internal backup power supply: 3.7V/4000mAh
Entry delay: Default 10 seconds (0-255 seconds)
Exit delay: Default 10 seconds (0-255 seconds)
Power input: DC12V input
Size: (L * W * H) 150 * 150 * 34mm
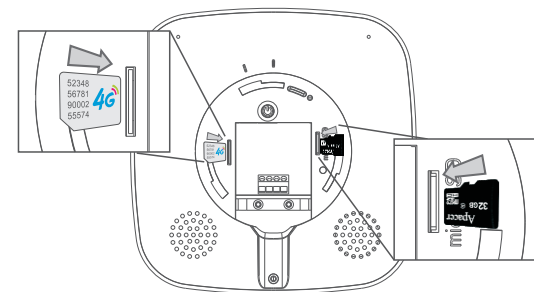Working Environment: Temperature -10℃ ~ 50℃; Humidity <90%RH

2. Structure diagram

Turn counterclockwise to open the base
Base
Pickup (built-in)
3.7V/4000mAh lithium battery
WAN
Power off key
Power interface
SIM card slot
Buzzer
TF card
Tamper
Trumpet
Wired Zone Interface

3. Interface and switch description

3.1 Inserting SIM card and TF card
Please turn the base counterclockwise first and take out the base.
SIM card insertion: As shown in the figure below, the folded corner is upward, and the chip is pushed outward until it is locked;
TF card insertion: Insert the dent facing outward and the chip facing outward.
Take out: Aim at the SIM card or TF card and push it inward and release it, and SIM card or TF card will pop out automatically.

3.2 Terminals
It can be connected to 1 wired siren and 1 single bus defense zone.
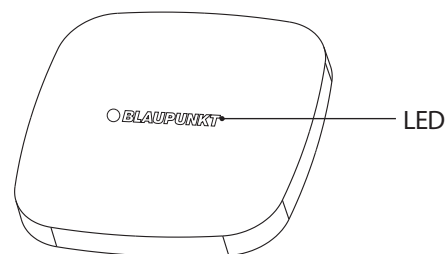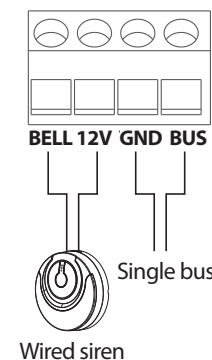Refer to the wiring method on the right for wiring.
3.3 Power off button
It is turned on when it is powered on. In the case of unplugging the power supply, press this button to turn off the battery power supply.
3.4 Tamper switch
After the host is installed on the wall, when the host is separated from the base, the tamper alarm can be triggered, and the alarm can be released by disarming.
3.5 Indicator light description
Steady blue light - disarmed
Steady red light - armed
Red and blue lights are on at the same time - arming at home
Red and blue lights flash alternately - alarm

BELL 12V GND BUS

Single bus

Wired siren
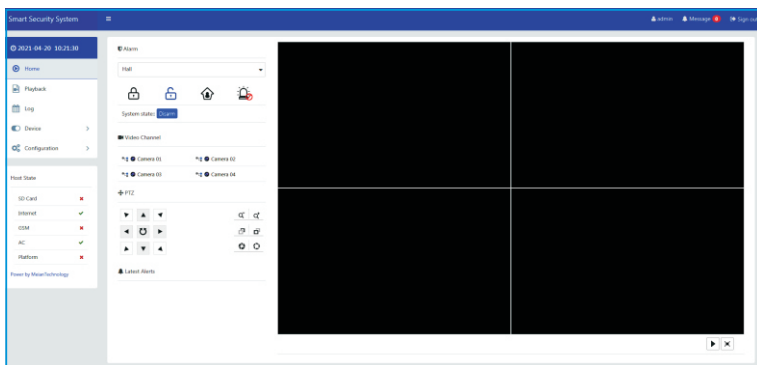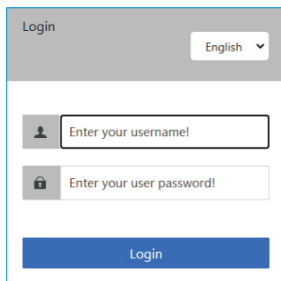
LED

4. Web page login

1. Device startup
Connect the host to the power supply and plug in the network cable. After the device is started, the host web page login must ensure that the host and the computer are under the same router.
2. Access the host
The host IP address is assigned by the router, and the user can obtain it in the following two ways:
a. You can obtain an intranet search tool from the seller for searching;
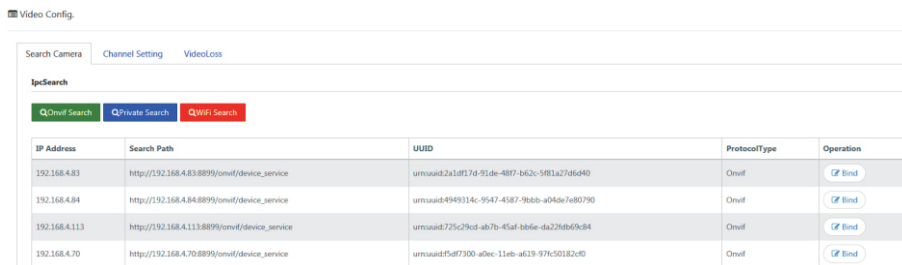b. Log in to the mobile APP to check (see the following instructions for the use of the APP)
After obtaining the IP address, enter the IP address in the address bar to acess the device through Google;
Default username: admin, password is empty (the language can be modified in the upper right corner);
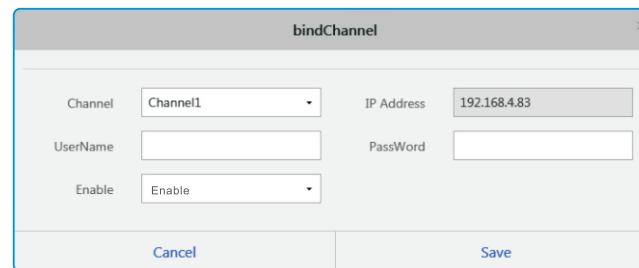After logging in, enter the interface as show below.

5. Add equipment

5.1 Adding cameras
Click Parameters - Video Settings, you can choose Onvif search, private protocol search or WiFi search to add. When adding a camera, please keep the host and the camera it the same local area network, and 4-way IP cameras or WiFi cameras can be added.

ONVIF Search: Suitable for searching ONVIF IP cameras. Connect the camera and the host is the same local area network (the same router), change the camera IP to the legal address under the router, click "ONVIF Search" - click "Bind" in the camera column to be added, the pop-up window is as follows:

Click the channel drop-down window to select the channel number, and the IP address can be changed in "Channel Settings". The default user name of the camera is "admin", and there is no user password. If you add cameras from other manufacturers, fill in the actual account password. Turn on the camera "Enable" to enable the camera. After setting, click "Save", and a pop-up window will prompt that the operation is successful.
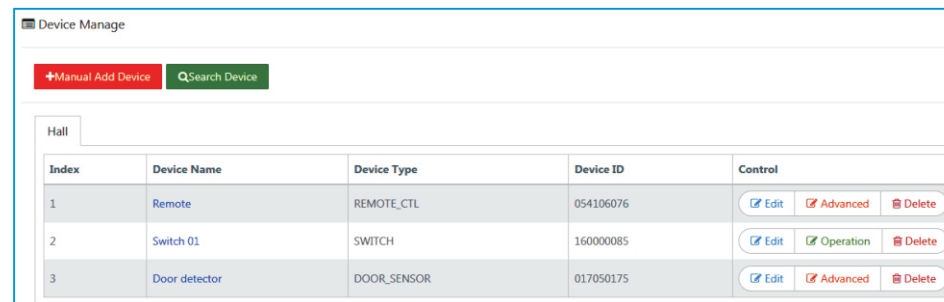Proprietary protocol search: It is used for the connection of Meian private protocol camera. For connection methods, please refer to ONVIF search.
WiFi Search: For Market Meian WiFi cameras only. When searching for WiFi, the host is used as a hotspot to configure WiFi for the camera, and the WiFi camera and the host are in the same network segment. Click "WiFi Search" - "Configure", a pop-up window will prompt "WiFi configuring", and the binding channel interface will be displayed after the configuration is completed. Click "Save" after setting. To use this function, please turn off "WiFi Enable" first.

5.2 Add accessories
Add area: Click "Equipment" - "Area Management", click "Add Area", assign the equipment to their respective areas, and easily find the location of the alarm equipment when the alarm is triggered.
Add device: Click "Device" - "Device Management", you can choose "Manual Add Device" and "Device Search".
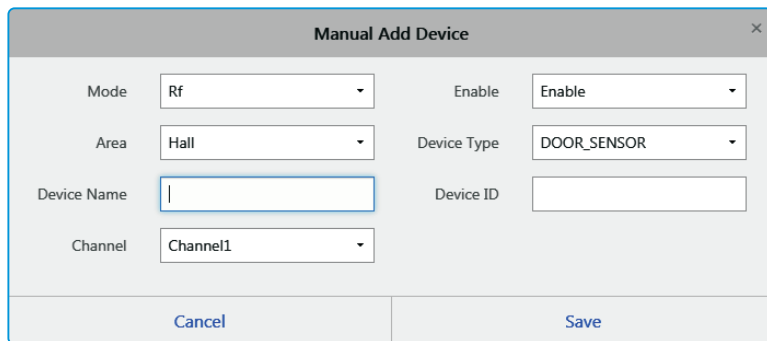
a. Manually add a device: Add by manually entering the device ID, that is, the nine-digit address code on the sticker behind the device.
Access mode: the communication mode of the device, this host can only be added to RF devices and wired defense areas, please select "RF" foe wireless devices, and "wired" for wired defense areas.
Channel: that is, the channel to be associated with the device. After arming, the bound channel will automatically record when the detector triggers an alarm.
After setting, click "Save" to take effect.

Manual Add Device			×
Mode	Rf ▾	Enable	Enable ▾
Area	Hall ▾	Device Type	DOOR_SENSOR ▾
Device Name	|	Device ID	
Channel	Channel1 ▾		
Cancel		Save	

b. Device search: add the device by matching the code with the host, and trigger the device after entering "device search". After successful reception, the web page displays the device type and ID. After the setting is completed, it will be saved and effective.

5.3 Scenario Management
Divided into timed scene, trigger scene and manual scene.
Timing scene: The selected area automatically performs arm and disarm and switch operations at the set time.
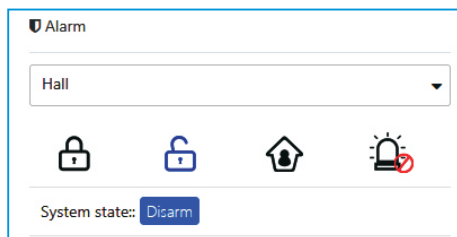Triggering scene: After the detector triggers the alarm, the switch will be linked to execute the set action after the delay time, and the delay time is 0, it will be executed immediately.
Manual scene: manually open the scene, and execute the arm and disarm and switch actions after the scene delay time.
After setting, click "Save" to take effect.

6. Arm and disarm settings

In the video setting interface, click the drop-down window " ▼ " to select the area to be controlled to arm/disarm, click arm/disarm/arm/clear at home, there will be a corresponding pop-up prompt on the screen, and the host voice prompts "Partition X is out to arm/disarm. /Stay Armed", clear the alarm without voice prompt.

🛡 Alarm

Hall   ▾

🔒   🔓   🏠   🚨⊘

System state:: Disarm

7. Video control

7.1 Preview
click the icon to perform video operations:
a. Preview all channels ▶
b. Full screen ▣
c. PTZ rotation (camera support required)

▶ ▲ ◀
◀ ↻ ▶
▶ ▼ ◀

7.2 Video recording and playback
This machine only records alarm video.
Video recording: Video recording needs to be performed under the premise that the TF card is inserted and the detector is bound to the channel. When the detector triggers an alarm, the channel will pop up a video to prompt the alarm and automatically record.
Playback: Click "Log"-select channel and date-click " 🔍 ", double-click the video file to start playback.

8. Network Settings

Click "Parameters"-"Network Settings" to configure network parameters. Note: WiFi_Ap settings and WiFi_Station settings cannot be enabled at the same time.
TCP/IP: The machine automatically obtains the IP address by default. If you need to change the IP address, please turn off the automatic obtainment first.
WiFi_Ap setting: This setting is used when the host is connected to the WiFi camera as a hotspot, and non-professionals should not modify it.
WiFi_Station setting: used when the host is connected to the router, click the "WiFi Enable" drop-down window - select "Enable", the encryption method is "auto" by default, enter the WiFi name and password and click "Save", after discconecting the network cable, the host starts to connect to WiFi.
4G setting: Whether the 4G network is enabled when the host connects to the calling card, check it to enable it.
CMS access: For the connection to the CMS platform, automatic authentication is enabled by default. If you manually fill in, please refer to the following:
Main alarm platform address: 14.17.70.70;
Main alarm platform port: 7809;
ID: the character below the QR code at the bottom of the device (pay attention to capitalization);
No user password is required, click "Save" after filling in.

CmsClient

9. System restore

Click "Parameter" - "System Maintenance" - "System Maintenance" to restore the factory default settings. "Simple parameter restoration" is to restore the factory default parameter settings, such as camera and network settings, without restoring the detector. "Restore to factory settings" is to restore all the configuration of the host. After using this function, you need to reconfigure the detector and camera for the host.

10. App use

10.1 Download and Installation
Please scan the QR code left to download and install.
Follow the prompts to complete the registration.

Android   iPhone

10.2 Add host
To control the host through the APP, the user needs to scan the QR code to add the host to the APP device list. After logging in to the account for the first, enter the add device interface, as shown on the right, the user can also enter the regional interface and click the icon " + " to enter Scan the QR code on the sticker on the back of the device to add the device. When the scan is successful, a prompt window will pop up, click "OK".
*Note: One device can only be added to one account, and the added user needs to be unbound before other users can be added.

10.3 WiFi connection
Please complete the following operations within 10 minutes after the host is powered on:
a. Enter the APP and click "WiFi Settings" - "Sonic Configuration WiFi";
b. Select the WiFi to be configured and enter the WiFi password, click "OK";
c. Turn up the volume of the phone and bring the phone close to the host;
d. The camera voice prompts "WiFi configuration is successful" and returns to the area interface.
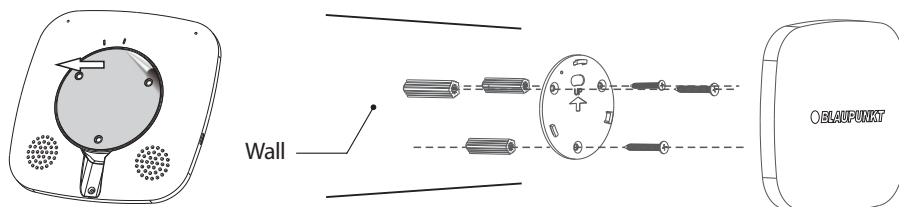After a while, the camera goes online.
If the host is not online, please check whether the configured WiFi is available and whether the password is correct.

11. Installation

For installation, please avoid dark, damp or direct sunlight.
Installation method one:
Use 3M glue to attach the main until to the installation location. Note: The installation of adhesive stickers must be free from dust and water stains, otherwise, use screws to fix the base for installation.

Wall

Installation method two:
Align the position of the screw holes of the base, insert the expansion rubber plug at the installation position, and use three screws to fix the base to the wall, connect it to the host and turn it clockwise until it is locked.