

Installation for the Dahua Camera (Model: DH-IPC-HDW2531EMP-AS-0280B-S2-AUS)

Plug the camera directly into POE switch an ethernet port directly, change your PC IP address to 192.168.1.x, subnet mask 255.255.255.0, and leave the rest blank. Then open up a browser and enter: <u>http://192.168.1.108</u>. once it's initialized you can change the camera's IP address in the configuration page to 192.168.x.x whatever you want.

| S Login | × + | | 0 | - | |
|--------------------|---|---|---|---|-----|
| ← → C ▲ Not secure | 192.168.1.108 | | | ☆ | * (|
| ← → C ▲ Not secure | 192.168.1.108 Country/Region Setting Region Language Video Standard | Algeria American Samoa Andorra Angola Anguila Anguila Antgua & Barbuda Argentina Aruba Austria Austria Austria Austria Bahamas | | * | * (|
| | | Bandiadesh xt | | | |
| | | | | | |

Step 1: http://192.168.1.108 (default)

Step 2. Next

| | c i invaoy i onoy | |
|----------------------------------|---------------------------|---|
| FTWARE LICENSE AGREEM | NT | |
| st modified: Jun 15, 2020 | | |
| PREAMBLE | | |
| PORTANT NOTICE, PLEASE F | EAD CAREFULLY: | |
| This Agreement is a Software | icense Agreement betwe | en you and Zhejiang Dahua Technology Co., Ltd. ("Company" or "We"). |
| ase read this software license | igreement (hereinafter re | erred to as "Agreement') carefully before using the Software. By using |
| mpany Software, you are deem | ed to agree to be bound I | y the terms of this Agreement. If you do not agree to the terms of this |
| reement, please do not install o | use the Software, and c | ck the "disagree" button (If there is any provision for "agree" or "disagree"). |
| ne Software you get is purchas | d as part of Company de | ice, and you do not agree to the terms of this Agreement, you may return |
| device/Software within the ret | irn period to Company or | authorized distributor where you purchased from for a refund, but it should |
| | | |



Step 3. Setup password

| Device Initialization | |
|-----------------------|--|
| | |
| Username | admin |
| Password | ••••• |
| | Strong |
| Confirm Password | ••••• |
| | Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them.(please do not use special symbols like ' "; : &) |
| Email Address | To reset password, please input properly or update in time. |
| | Next |



Step 4: Optional to select P2P function

| P2P |
|--|
| P2P Optional To assist you in remotely managing your device, the P2P will be enabled. After enabling P2P and connecting to Internet, we need to collect IP address, MAC address, device name, device SN, etc. All collected info is used only for the purpose of remote access. If you don't agree to enable P2P function, please deselect the check box. Example 1 Example 2 Example 2 Example 2 Example 2 To assist you in remotely managing your device, the P2P will be enabled. After enabling P2P and connecting to Internet, we need to collect IP address, MAC address, device name, device SN, etc. All collected info is used only for the purpose of remote access. If you don't agree to enable P2P function, please deselect the check box. Example 2 <p< th=""></p<> |
| Next |

--You could change the P2P setting later under the below after the camera setup.



(optional, use later for change P2P function)



Step 5: Optional to select Auto-check for updates



You also can change the option later as below.

| Alhua | | | | | | |
|-----------------|---|--------|----------------|---------|-------|--------|
| CETECHNOLOGY | | Live | Playback | Setting | Alarm | Logout |
| Camera | Upgrade | | | | | |
| Network | | | | | | |
| ▶ Event | File Upgrade | | | | | |
| Storage | Select Firmware File | Browse | Upgrade | | | |
| ▼ System | | | | | | |
| > General | | | | | | |
| > Account | - Online LIngrade | | | | | |
| > Safety | | | | | | |
| > Default | Auto-check for updates Save | | | | | |
| > Import/Export | System Version 2 800 000000 24 R Build Date: 2020-10-14 | | Manual Check | | | |
| > Auto Maintain | | | Indiada onecia | | | |
| > Upgrade | | | | | | |
| Information | | | | | | |



Step 6: Change IP under the Network - TCP/IP

| Setting | × + | | | | | | 0 | - | | × |
|---|-----------------------|-----------------------------|------|------|----------|---------|-------|-----|------|---|
| \leftarrow \rightarrow C \blacktriangle Not s | ecure 192.168.1.108 | | | | | | | ☆ 🕇 | V | : |
| alhua | | | | Live | Playback | Setting | Alarm | Lc | gout | |
| ► Camera | TCP/IP | | | | | | | | | |
| TCP/IP | Host Name | IPC | | | | | | | | |
| > Port | Ethernet Card | Wire(Default) | | | | | | | | |
| > PPPoE | Mode | Static O DHCP | | | | | | | | |
| > DDNS | MAC Address | 24 . 52 . 6a . 0d . 18 . a7 | | | | | | | | |
| > SWIF(Email) | IP Version | IPv4 🗸 | | | | | | | | |
| > Bonjour | IP Address | 192. 168. 1. 108 | | | | | | | | |
| > Multicast | Subnet Mask | 255 . 255 . 255 . 0 | | | | | | | | |
| > Auto Register | Default Gateway | 192. 168. 1. 1 | | | | | | | | |
| > 802.1x | Preferred DNS | 8.8.8.8 | | | | | | | | |
| > QoS | Alternate DNS | 8.8.4.4 | | | | | | | | |
| Access Platform | Enable ARP/Ping to: | set IP address service | | | | | | | | |
| ► Event | | Default Refresh | Save | | | | | | | |
| Storage | | | | , | | | | | | |
| System | | | | | | | | | | |
| Information | | | | | | | | | | |

Step: 7 Enable the ONVIF

| Setting | × + | | | | | | | 0 | _ | Ц | × |
|-------------------|-----------------------|------------|----------|------|------|----------|---------|-------|---|--------|---|
| ← → C ▲ Not set | cure 192.168.15.108 | | | | | | | | ☆ | * 🕐 | : |
| alhua | | | | | Live | Playback | Setting | Alarm | | Logout | |
| ⊳ Camera | P2P | ONVIF | RTMP | | | | | | | | |
| ▼ Network | | 0 0 | - | | | | | | | | |
| > TCP/IP | Authentication | On Off | | | | | | | | | |
| > Port | | Default | Refresh | Save | | | | | | | |
| > PPPoE | | | | | | | | | | | |
| > DDNS | | | | | | | | | | | |
| > SMTP(Email) - | | | | | | | | | | | |
| | | | | | | | | | | | |
| > Multicast | | | | | | | | | | | |
| > Auto Register | | | | | | | | | | | |
| > 802.1x | | | | | | | | | | | |
| > QoS | | | | | | | | | | | |
| > Access Platform | | | | | | | | | | | |
| ⊳ Event | | | | | | | | | | | |
| Storage | | | | | | | | | | | |
| ▶ System | | | | | | | | | | | |
| Information | | | | | | | | | | | |



Step 8: Go for NVR, in the camera setup, do a WS Discovery, and Dahua camera listed.

Demo Unit: NVR3216

| 9LILINI. | O GENERAL | VIDEO | | | | | | admin 🗱 🕷 |
|----------------------|------------------|----------------------------------|-------------------------------------|-----------------------------------|---------------|-----------------|----------------------------|----------------|
| STREAM | 1. CAM01-motion | Camera Name | CAM01-motion (May, length 12) | Security Protocol | WS I | Discovery | Cancel (Abort Discover) | Auto Adjust IP |
| | 2. z2r6522 | Camera Source | IP Camera | | 5 | Select | Snapshot | Set IP |
| | 3. CAM03 | IP Address | 192.168.15.113 | Dev. Info. | СН | IP Address | 🗢 Model | ImageStatus |
| RECORD | 4. CAM04 | HTTP Port | 80 | Assign RTSP URI. | | 192.168.15.127 | IPS420 | |
| alarm | 5. CAM05 | RTSP Port | (1~65535) 554 | RTSP/TCP | | 192.168.15.151 | PZD6422EX3 | |
| 💻 DISPLAY | 6. CAM06 | User | admin | RTSP Multicast Setting | | 192.168.15.200 | Z2R6522X | |
| R NETWORK | 7. CAM07 | Password | (Max. length T5) | Show | | 192.168.15.207 | MR632B | |
| | 8. CAM08 | Stream Type | Dual Stream | Apply To All Channels | | 192.168.15.10 | | |
| SYSTEM | 9. CAM09 | Primary Stream | (Stream type) | | | 192.168.1.180 | | |
| 🛋 PTZ | 10. CAM10 | Primary Stream Bitrate | (5~30 FPS) 1024 ~ | | 6, 8, 9, 10, | , 192.168.0.200 | | |
| DE META DATA | 11. CAM11 | Secondary Stream | | 25 | 11, 12, 13, 1 | 1 | | |
| | 12. CAM12 | Sec. Stream Bitrate | 3072 (512, 12200 klure) | | 4, 15, 16 | | | |
| | 13. CAM13 | Decode Ref. | | Immediate | | 192.168.15.3 | | |
| | 14. CAM14 | Display | Off (Camoro Dicable) | ADMIN - | | 192.168.1.108 | Dahua | |
| | 15. CAM15 | Sync Time With NVR | Off v | | | 192.168.15.108 | Dahua | |
| | 16. CAM16 | 75 / 480 FPS (Primary Stream) | 110 / 480 FPS (Secondary Stream) | 23.6 / 96 Mbps (Total Bitrate) | | | 12 entries | |
| | | (mary second | | | | | | |
| Version: 3.0.74.3921 | | | | | | | Apply | Reset |

Installation Completed.

Optional tools:

https://www.dahuasecurity.com/support/downloadCenter/tools

