



User manual
CPE DIP SWITCH POE 24V

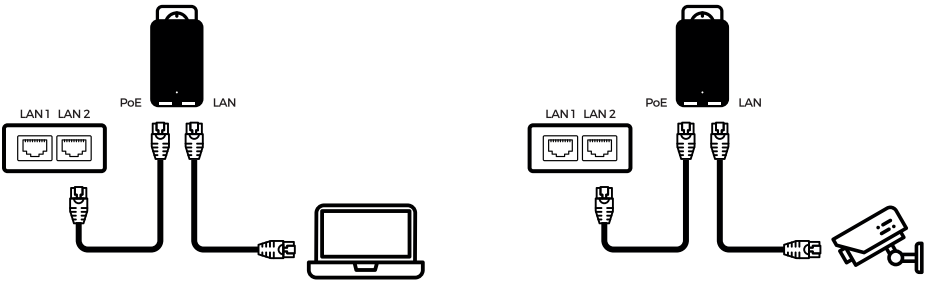
WL-CPE2G24D-075 / WL-CPE5G24D-076 / WL-CPE5G24D-080

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1. CONNECTION DIAGRAM

1.1 Connection diagram between POE with the CPE



POE port: connect the LAN1 or LAN2 port to the AP.

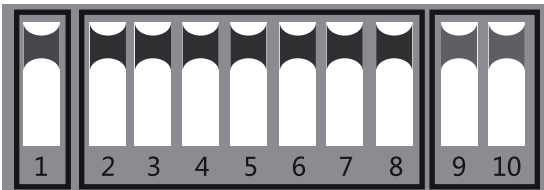
LAN POE: connect to PC, camera, Switch or XVR.

Notes

1. Both RJ45 ports (black and yellow) on the AP are LAN connections.
2. If you want to enter the web page, you have to manually enter the IP address of the PC.
3. The POE adapter has 3 inputs. One for the power cable, 2 for connectivity.
4. The POE adapter is not intended for outdoor use. It is advisable to keep it away from atmospheric phenomena.

At the bottom of the device there are 2 RJ45 inputs, one called POE and the other LAN. Use a Cat5 cable to connect the device to the PC, camera, Switch or XVR.

2. DIP DEVICE INSTRUCTION



Key 1: changes the device mode, UP is the AP (Access Point) mode to be used for PC, Switch or XVR, DOWN to be used for cameras.

Keys 2 to 8: these are for the coupling of different AP devices. There are 128 different combinations that can be created using the 7 Matching keys, which correspond to 128 different SSIDs and 128 different segments. Pages 8 to 15 below show all possible combinations.

Keys 9 & 10: There are for point to multipoint functionality. It is possible to use up to 4 cameras with one dvr. Configure the DIP switches as follows:

1. From dvr / PC / switch, switches 9 and 10 should remain up.

2. From the camera, select one of the 4 configurations for switches 9 and 10:

Camera 1: 9 lowered and 10 lowered

Camera 2: 9 lowered and 10 raised

Camera 3: 9 raised and 10 lowered

Camera 4: 9 raised and 10 raised

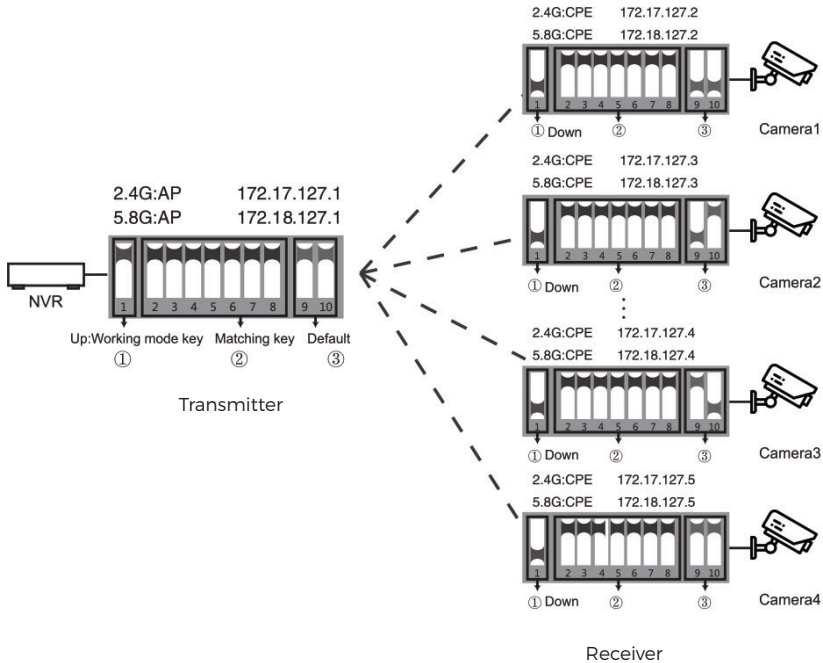
3. Switch settings between cameras cannot be duplicated for buttons 9 and 10 or interference may be caused, up to 4 points.

Remarks:

1. Restart the AP after finishing the DIP settings.

2. The default SSID of the AP type DIP is not transmitted, the password has been set and can be customized.

3. Make sure the IP address of the camera is different from that of the AP Point to Multipoint, as following picture:



Note: For a single point-to-point case, it doesn't matter which slot you use. Just make sure that the Working mode key and Matching key are set correctly.

3. SETTING THE SIGNAL STRENGTH

If you want to change the settings of the AP. Follow the following settings.

1. Assign a static IP address to the PC in the same range as the AP:

The screenshot shows a 'General' network configuration window. It contains the following elements:

- A header 'General' in a tabbed interface.
- Introductory text: 'You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.'
- Two radio buttons for IP address assignment:
 - Obtain an IP address automatically
 - Use the following IP address:
- Fields for IP address (172.18.128.1), Subnet mask (255.255.0.0), and Default gateway (three dots).
- Two radio buttons for DNS server address assignment:
 - Obtain DNS server address automatically
 - Use the following DNS server address:
- Fields for Preferred DNS server and Alternate DNS server (both three dots).
- An 'Advanced...' button at the bottom right.
- 'OK' and 'Cancel' buttons at the bottom.

Note: The subnet mask must be "255.255.0.0" for IP "172.18.128.1".

Note: Ip address for 2.4G devices is 172.17.0.2
Subnet Mask is 255.255.0.0

Ip address for 5.8G devices is 172.18.0.2
Subnet Mask is 255.255.0.0

Enter the IP address of the corresponding AP device in the IE browser to enter the WEB page, the default password is "password". The signal strength can be set after login.

The screenshot shows the 'Wireless Network' configuration page. It features a sidebar on the left with a 'System' menu containing options like 'Transmit Power', 'Mode', 'Router Access', 'Time', 'Backup / Restore', 'Update Firmware', and 'Reboot'. The main content area is divided into sections:

- Transmit Power Configuration:** Power: 27 dBm (Max 27 dBm)
- Encryption Configuration:** Use Custom Key: [password field] show
- Distance Configuration:** Distance: 2KM
- Client Signal Threshold:** Signal Threshold: Close (Only for Station)

At the bottom, there are 'Save Changes' and 'Reset' buttons.

Transmit Power Configuration: Default is the maximum value, the transmit power should be reduced appropriately when the signal is too strong.

Encryption Configuration: Custom key can be used for security. (The same key must be set in the transmitter and receiver.)

Distance configuration: the default is two kilometers, it should be set according to your needs. (The same distance value must be set in the transmitter and receiver. Otherwise, a low-latency, low-bandwidth network connection will occur.)

4. QUESTIONS & ANSWERS

Q1: What should be noted when setting the AP DIP switches?

A1: Make sure the power is off

Q2: How does the AP work without a dedicated power supply?

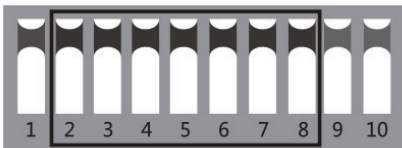
A2: The AP receives power through the cat5e cable. Called PoE. Two cables are required for connection. It is recommended to use STP Cat5e cables.

Q3: How long can the PoE cable be?

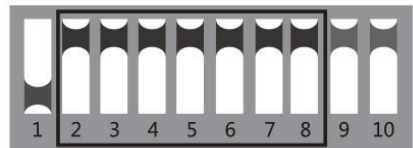
A3: The length of the cable depends on the supply voltage and the quality of the cable. For 24 V power supply, the cable length can typically be 100 meters and up to 200 meters for 48 V power supply.

Q4: Why don't I see any signal lights when the AP should be on?

A4: We recommend that you run a troubleshooting test as described below. For the transmitter, set all buttons "1" to "10" UP. For the receiver, set buttons "1" DOWN and buttons 2 to 10 UP. At the end turn on the device and wait 3 minutes. The distance between the transmitter and the receiver must be more than 2 meters. If you still see no indication that the units are on and communicating with each other, contact your dealer.



Transmitter



Receiver

Q5: Why is the local network connection unstable after installation?

A5: We suggest you try two actions:

1. Change the cable to see if it is cable problem
2. Try changing the wireless channel (different DIP switch settings between buttons 2 and 8) to eliminate interference. If you are still having problems contact your dealer.

Q6: Is the 10-digit AP compatible with the previous 8-digit ones?

A6: Yes. Enter the WEP page, as per instructions, select the "system" menu, click on "mode", check the "8-digit DIP switch mode" box, then "Save changes". Turn off the AP, configure it according to the instructions for an 8-digit DIP device. (Focusing on buttons 1 to 8 only).

Q7: I have an 8-digit switch. Is it compatible with the new 10-digit devices?

A7: Yes. Enter the WEP page, as per instructions, select the "system" menu, click on "mode", check the "8-digit DIP switch mode" box, then "Save changes". Turn off the AP, configure it according to the instructions for an 8-digit DIP device. (Focusing on buttons 1 to 8 only).

Q8: After connecting the AP to the NVR, I am able to see the IP address of the camera, but no image.

A8: Try changing the LAN port of the AP. If you are still having problems contact your dealer.

Q9: What do the LEDs on the device represent?

A9: Red: PWR: Power LED: it is on when the device is connected to the power supply.

Blue: WLAN: Wifi signal LED. It is on when Wifi is active.

LAN1, LAN2, are on when the device is working.

Orange: wireless signal strength.

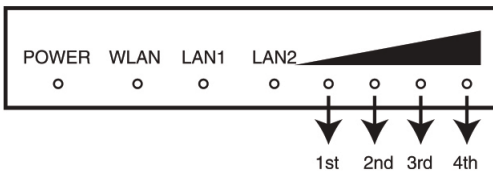
First LED lit: very weak signal.

First and second LEDs lit: weak signal.

First, second and third LEDs on: good signal.

All 4 LEDs lit: optimal signal.

If only the last (fourth) LED is lit, the signal is too strong. Try setting the signal strength as explained above.

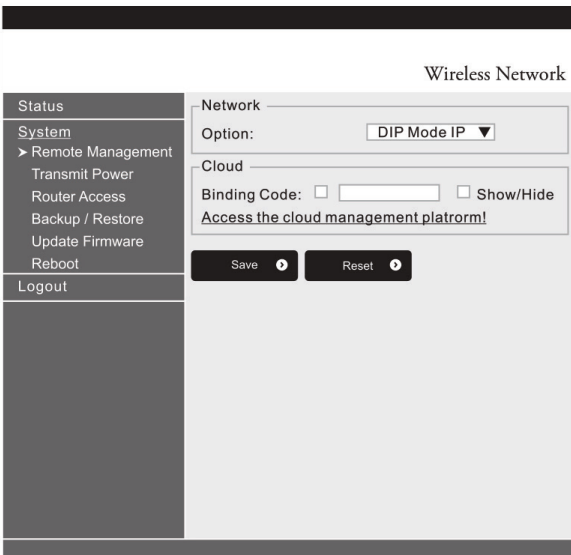


Q10: How to reset the device?




















A10: Press and hold the RST button for 6 seconds when the device is turned on.






















Q11: Where to find the pairing code of the devices?






















A11: Enter the device screen, click on System-Remote Management Settings. Check and enter the pairing code, save to complete the operation. For more information, follow the instructions in the Cloud manual.













































5. 128 PAIR CODES, SEGMENT AND FREQUENCY CA BE REFERRED TO THE FOLLOWING CHARTH






















Group	2-8 Dial	IP Segment	5.8GHz	IP Segment	2.4GHz
n° 1		172.18.0.X	5160	172.17.0.X	2412
n° 2		172.18.1.X	5180	172.17.1.X	2417
n° 3		172.18.2.X	5200	172.17.2.X	2422
n° 4		172.18.3.X	5220	172.17.3.X	2427
n° 5		172.18.4.X	5240	172.17.4.X	2432
n° 6		172.18.5.X	5745	172.17.5.X	2437
n° 7		172.18.6.X	5765	172.17.6.X	2442
n° 8		172.18.7.X	5785	172.17.7.X	2447
n° 9		172.18.8.X	5805	172.17.8.X	2452
n° 10		172.18.9.X	5825	172.17.9.X	2457
n° 11		172.18.10.X	5160	172.17.10.X	2462
n° 12		172.18.11.X	5180	172.17.11.X	2412
n° 13		172.18.12.X	5200	172.17.12.X	2417
n° 14		172.18.13.X	5220	172.17.13.X	2422
n° 15		172.18.14.X	5240	172.17.14.X	2427
n° 16		172.18.15.X	5745	172.17.15.X	2432
n° 17		172.18.16.X	5765	172.17.16.X	2437
n° 18		172.18.17.X	5785	172.17.17.X	2442
n° 19		172.18.18.X	5805	172.17.18.X	2447





n° 20		172.18.19.X	5825	172.17.19.X	2452
n° 21		172.18.20.X	5160	172.17.20.X	2457
n° 22		172.18.21.X	5180	172.17.21.X	2462
n° 23		172.18.22.X	5200	172.17.22.X	2412
n° 24		172.18.23.X	5220	172.17.23.X	2417
n° 25		172.18.24.X	5240	172.17.24.X	2422
n° 26		172.18.25.X	5745	172.17.25.X	2427
n° 27		172.18.26.X	5765	172.17.26.X	2432
n° 28		172.18.27.X	5785	172.17.27.X	2437
n° 29		172.18.28.X	5805	172.17.28.X	2442
n° 30		172.18.29.X	5825	172.17.29.X	2447
n° 31		172.18.30.X	5160	172.17.30.X	2452
n° 32		172.18.31.X	5180	172.17.31.X	2457
n° 33		172.18.32.X	5200	172.17.32.X	2462
n° 34		172.18.33.X	5220	172.17.33.X	2412
n° 35		172.18.34.X	5240	172.17.34.X	2417
n° 36		172.18.35.X	5745	172.17.35.X	2422
n° 37		172.18.36.X	5765	172.17.36.X	2427
n° 38		172.18.37.X	5785	172.17.37.X	2432
n° 39		172.18.38.X	5805	172.17.38.X	2437
n° 40		172.18.39.X	5825	172.17.39.X	2442

n° 41		172.18.40.X	5160	172.17.40.X	2447
n° 42		172.18.41.X	5180	172.17.41.X	2452
n° 43		172.18.42.X	5200	172.17.42.X	2457
n° 44		172.18.43.X	5220	172.17.43.X	2462
n° 45		172.18.44.X	5240	172.17.44.X	2412
n° 46		172.18.45.X	5745	172.17.45.X	2417
n° 47		172.18.46.X	5765	172.17.46.X	2422
n° 48		172.18.47.X	5785	172.17.47.X	2427
n° 49		172.18.48.X	5805	172.17.48.X	2432
n° 50		172.18.49.X	5825	172.17.49.X	2437
n° 51		172.18.50.X	5160	172.17.50.X	2442
n° 52		172.18.51.X	5180	172.17.51.X	2447
n° 53		172.18.52.X	5200	172.17.52.X	2452
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n° 56		172.18.55.X	5745	172.17.55.X	2412
n° 57		172.18.56.X	5765	172.17.56.X	2417
n° 58		172.18.57.X	5785	172.17.57.X	2422
n° 59		172.18.58.X	5805	172.17.58.X	2427
n° 60		172.18.59.X	5825	172.17.59.X	2432
n° 61		172.18.60.X	5160	172.17.60.X	2437

n° 62		172.18.61.X	5180	172.17.61.X	2442
n° 63		172.18.62.X	5200	172.17.62.X	2447
n° 64		172.18.63.X	5220	172.17.63.X	2452
n° 65		172.18.64.X	5240	172.17.64.X	2457
n° 66		172.18.65.X	5745	172.17.65.X	2462
n° 67		172.18.66.X	5765	172.17.66.X	2412
n° 68		172.18.67.X	5785	172.17.67.X	2417
n° 69		172.18.68.X	5805	172.17.68.X	2422
n° 70		172.18.69.X	5825	172.17.69.X	2427
n° 71		172.18.70.X	5160	172.17.70.X	2432
n° 72		172.18.71.X	5180	172.17.71.X	2437
n° 73		172.18.72.X	5200	172.17.72.X	2442
n° 74		172.18.73.X	5220	172.17.73.X	2447
n° 75		172.18.74.X	5240	172.17.74.X	2452
n° 76		172.18.75.X	5745	172.17.75.X	2457
n° 77		172.18.76.X	5765	172.17.76.X	2462
n° 78		172.18.77.X	5785	172.17.77.X	2412
n° 79		172.18.78.X	5805	172.17.78.X	2417
n° 80		172.18.79.X	5825	172.17.79.X	2422
n° 81		172.18.80.X	5160	172.17.80.X	2427
n° 82		172.18.81.X	5180	172.17.81.X	2432

n° 83		172.18.82.X	5200	172.17.82.X	2437
n° 84		172.18.83.X	5220	172.17.83.X	2442
n° 85		172.18.84.X	5240	172.17.84.X	2447
n° 86		172.18.85.X	5745	172.17.85.X	2452
n° 87		172.18.86.X	5765	172.17.86.X	2457
n° 88		172.18.87.X	5785	172.17.87.X	2462
n° 89		172.18.88.X	5805	172.17.88.X	2412
n° 90		172.18.89.X	5825	172.17.89.X	2417
n° 91		172.18.90.X	5160	172.17.90.X	2422
n° 92		172.18.91.X	5180	172.17.91.X	2427
n° 93		172.18.92.X	5200	172.17.92.X	2432
n° 94		172.18.93.X	5220	172.17.93.X	2437
n° 95		172.18.94.X	5240	172.17.94.X	2442
n° 96		172.18.95.X	5745	172.17.95.X	2447
n° 97		172.18.96.X	5765	172.17.96.X	2452
n° 98		172.18.97.X	5785	172.17.97.X	2457
n° 99		172.18.98.X	5805	172.17.98.X	2462
n° 100		172.18.99.X	5825	172.17.99.X	2412
n° 101		172.18.100.X	5160	172.17.100.X	2417
n° 102		172.18.101.X	5180	172.17.101.X	2422
n° 103		172.18.102.X	5200	172.17.102.X	2427

n° 104		172.18.103.X	5220	172.17.103.X	2432
n° 105		172.18.104.X	5240	172.17.104.X	2437
n° 106		172.18.105.X	5745	172.17.105.X	2442
n° 107		172.18.106.X	5765	172.17.106.X	2447
n° 108		172.18.107.X	5785	172.17.107.X	2452
n° 109		172.18.108.X	5805	172.17.108.X	2457
n° 110		172.18.109.X	5825	172.17.109.X	2462
n° 111		172.18.110.X	5160	172.17.110.X	2412
n° 112		172.18.111.X	5180	172.17.111.X	2417
n° 113		172.18.112.X	5200	172.17.112.X	2422
n° 114		172.18.113.X	5220	172.17.113.X	2427
n° 115		172.18.114.X	5240	172.17.114.X	2432
n° 116		172.18.115.X	5745	172.17.115.X	2437
n° 117		172.18.116.X	5765	172.17.116.X	2442
n° 118		172.18.117.X	5785	172.17.117.X	2447
n° 119		172.18.118.X	5805	172.17.118.X	2452
n° 120		172.18.119.X	5825	172.17.119.X	2457
n° 121		172.18.120.X	5160	172.17.120.X	2462
n° 122		172.18.121.X	5180	172.17.121.X	2412
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n° 124		172.18.123.X	5220	172.17.123.X	2422

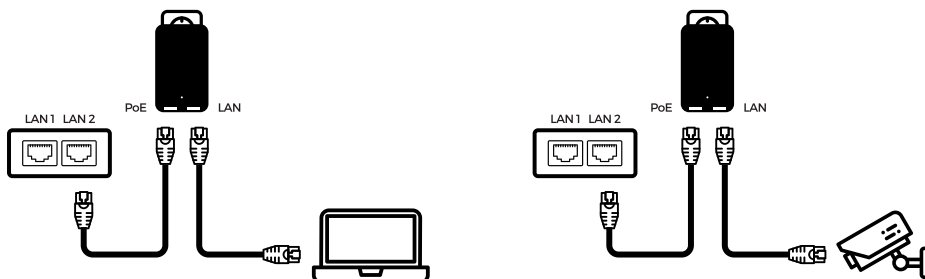
n° 125		172.18.124.X	5240	172.17.124.X	2427
n° 126		172.18.125.X	5745	172.17.125.X	2432
n° 127		172.18.126.X	5765	172.17.126.X	2437
n° 128		172.18.127.X	5785	172.17.127.X	2442

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1. DIAGRAMMA DI CONNESSIONE

1.1 Schema di connessione tra POE con la CPE



Porta POE: collegare la porta LAN1 o LAN2 all'AP.

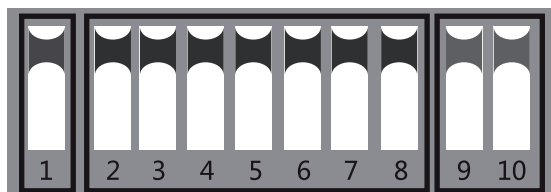
LAN POE: collegare al PC ,telecamera, Switch o XVR.

Note

1. Entrambe le porte RJ45 (nera e gialla) sull'AP sono connessioni LAN.
2. Se si desidera entrare nella pagina web, bisogna inserire manualmente l'indirizzo IP del PC.
3. L'adattatore POE è dotato di 3 ingressi. Uno per il cavo di alimentazione, 2 per la connettività.
4. L'adattatore POE non è destinato per l'utilizzo all'aperto. E' consigliabile tenerlo al riparo dai fenomeni atmo sferici.

Nella parte inferiore del dispositivo sono presenti 2 ingressi RJ45, uno denominato POE e l'altro LAN. Usare un cavo Cat5 per collegare il dispositivo al PC ,telecamera, Switch o XVR.

2. ISTRUZIONI DISPOSITIVO DIP



Tasto 1: Cambia la modalità del dispositivo, UP è la modalità AP (Access Point) da utilizzare per PC, Switch o XVR, DOWN da utilizzare per le telecamere.

Tasti da 2 a 8: Sono per l'accoppiamento di diversi dispositivi AP. Sono possibili 128 diverse combinazioni che possono essere create utilizzando i 7 tasti di accoppiamento (Matching keys), che corrispondono a 128 diversi SSID e 128 diversi segmenti. Le pagine da 8 a 15 di seguito mostrano tutte le possibili combinazioni.

Tasti 9 & 10 : Sono per la funzionalità da punto a multipunto. E' possibile utilizzare fino a 4 telecamere con un dvr. Configurare gli interruttori DIP come segue:

1. Da dvr / PC / switch, gli interruttori 9 e 10 dovrebbero rimanere alzati.

2. Dalla videocamera, selezionare una delle 4 configurazioni per gli interruttori 9 e 10:

Camera 1: 9 abbassato e 10 abbassato

Camera 2: 9 abbassato e 10 alzato

Camera 3: 9 alzato e 10 abbassato

Camera 4: 9 alzato e 10 alzato

3. Non è possibile duplicare le impostazioni di commutazione tra le telecamere per i tasti 9 e 10 o si potrebbero causare delle interferenze, per un massimo di 4 punti.

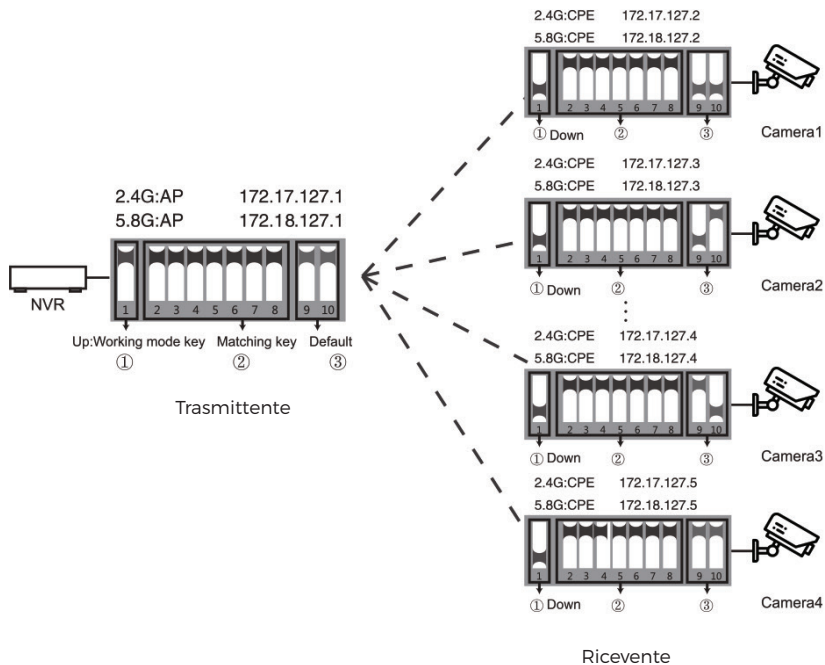
Osservazioni:

1. Riavviare l'AP dopo aver terminato le impostazioni DIP.

2. L'SSID di default del DIP tipo AP non viene trasmesso, la password è stata impostata e può essere personalizzata

3. Assicurarsi che l'indirizzo IP della telecamera sia diverso da quello del AP

Punto a Multipunto, come immagine seguente:



Nota: per un singolo caso punto a punto, è indifferente quale slot si usa. Assicurarsi solo che la Working mode key e la Matching key siano impostate correttamente.

3. IMPOSTAZIONE DELLA POTENZA DEL SEGNALE

Se si desidera modificare le impostazioni del AP. Seguire le seguenti impostazioni.

1. Assegnare al pc un indirizzo IP statico nella stessa portata dell'AP

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address:

Subnet mask:

Default gateway:

Obtain DNS server address automatically

Use the following DNS server address:

Preferred DNS server:

Alternate DNS server:

Nota: La subnet mask deve essere "255.255.0.0" per IP "172.18.128.1".

Note: Indirizzo Ip per i dispositivi 2.4 G è 172.17.0.2
Subnet Mask è 255.255.0.0

Indirizzo Ip per i dispositivi 5.8 G è 172.18.0.2
Subnet Mask è 255.255.0.0

Digitare l'indirizzo IP del dispositivo AP corrispondente nel browser IE per accedere alla pagina WEB, la password predefinita è "password". La potenza del segnale può essere impostata dopo l'accesso.

Wireless Network

Status

System

- > Transmit Power
- Mode
- Router Access
- Time
- Backup / Restore
- Update Firmware
- Reboot

Logout

Transmit Power Configuration

Power: dBm (Max 27 dBm)

Encryption Configuration

Use Custom Key: show

Distance Configuration

Distance: ▼

Client Signal Threshold

Signal Threshold: ▼ (Only for Station)

Configurazione potenza di trasmissione: l'impostazione predefinita è il valore massimo, la potenza di trasmissione deve essere ridotta in modo appropriato quando il segnale è troppo forte.

Configurazione crittografia: la chiave personalizzata può essere utilizzata per la sicurezza. (La stessa chiave deve essere impostata nel trasmettitore e nel ricevitore.)

Configurazione distanza: il valore predefinito è due chilometri, deve essere impostato in base alle proprie esigenze. (Lo stesso valore di distanza deve essere impostato nel trasmettitore e nel ricevitore. In caso contrario, si verificherà una connessione di rete a bassa latenza e larghezza di banda ridotta).

4. DOMANDE & RISPOSTE

D1: Cosa è necessario notare quando si impostano gli interruttori AP DIP?

R1: Assicurarsi che l'alimentazione sia spenta

D2: Come funziona l'AP senza un alimentatore dedicato?

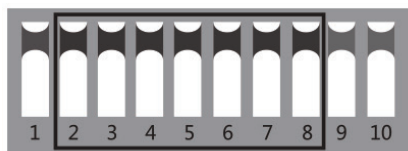
R2: L'AP riceve l'alimentazione tramite il cavo cat5e. Denominato PoE. Per il collegamento sono necessari due cavi. E' consigliato utilizzare cavi STP Cat5e.

D3: Quanto può essere lungo il cavo PoE?

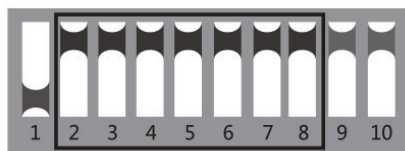
R3: La lunghezza del cavo dipende dalla tensione di alimentazione e dalla qualità del cavo. Per l'alimentazione a 24 V, la lunghezza del cavo può essere tipicamente di 100 metri e fino a 200 metri per l'alimentazione a 48 V.

D4: Perché non vedo alcuna spia di segnale quando l'AP dovrebbe essere acceso?

R4: Ti consigliamo di eseguire un test di risoluzione dei problemi come descritto di seguito. Per il trasmettitore, impostare tutti i pulsanti da "1" a "10" SU. Per il ricevitore, impostare i pulsanti "1" GIÙ e i pulsanti da 2 a 10 SU. Al termine accendere il dispositivo e attendere 3 minuti. La distanza tra il trasmettitore e il ricevente deve essere superiore ai 2 metri. Se ancora non si vede alcuna indicazione che le unità sono accese e comunicano tra loro, contattare il proprio rivenditore.



Trasmettitore



Ricevitore

D5: Perché la connessione alla rete locale è instabile dopo l'installazione?

R5: Ti suggeriamo di provare due azioni:

1. Cambiare il cavo per vedere se è problema di cavo

2. Provare a cambiare il canale wireless (differenti impostazioni dello switch DIP tra i pulsanti 2 e 8) per eliminare le interferenze. Se si riscontrano ancora problemi contattare il proprio rivenditore.

D6: L'AP a 10 cifre è compatibile con i precedenti a 8 cifre?

R6: Sì. Entrare nella pagina WEP, come da istruzioni, selezionare il menu "system", cliccare su "mode", controllare il riquadro "8-digit DIP switch mode", quindi "Save changes". Spegnerne l'AP, configurarlo secondo le indicazioni per un dispositivo DIP a 8 cifre. (Concentrandosi solo sui pulsanti da 1 a 8).

D7: Ho uno switch a 8 cifre. E' compatibile con i nuovi dispositivi a 10 cifre?

R7: Sì. Entrare nella pagina WEP, come da istruzioni, selezionare il menu "system", cliccare su "mode", controllare il riquadro "8-digit DIP switch mode", quindi "Save changes". Spegnerne l'AP, configurarlo secondo le indicazioni per un dispositivo DIP a 8 cifre. (Concentrandosi solo sui pulsanti da 1 a 8).

D8: Dopo aver collegato l'AP al NVR, sono in grado di vedere l'indirizzo IP della telecamera, ma nesses-

na immagine.

R8: Provare a cambiare la porta LAN del AP. Se si riscontrano ancora problemi contattare il proprio rivenditore.

D9: Cosa rappresentano i LED sul dispositivo?

R9: Rosso: PWR: LED Power: è accesa quando il dispositivo è collegato all'alimentazione.

Blu:WLAN: LED segnale Wifi. E' accesa quando il Wifi è in attivo.

LAN1,LAN2, sono accese quando il dispositivo è in funzione.

Arancio: potenza segnale wireless.

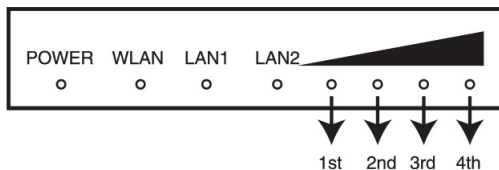
Primo LED acceso: segnale molto debole.

Primo e secondo LED accesi: segnale debole.

Primo, secondo e terzo LED accesi: segnale buono.

Tutti e 4 LED accesi: segnale ottimale.

Se acceso solo L'ultimo LED (quarto), il segnale è troppo forte. Provare a impostare la potenza del segnale come spiegato in precedenza.



D10: Come resettare il dispositivo?

R10: Tenere premuto per 6 secon il tasto RST quando il dispositivo è acceso.










D11: Dove trovare il codice di accoppiamento dei dispositivi?






















R11: Entrare nella schermata del dispositivo, cliccare su System-Remote Management Settings. Spuntare e inserire il codice di accoppiamento, salvare per completare l'operazione. Per ulteriori informazioni, seguire le indicazioni del manuale Cloud.






















Wireless Network






















Status System > Remote Management Transmit Power Router Access Backup / Restore Update Firmware Reboot Logout	Network Option: DIP Mode IP ▼ Cloud Binding Code: <input type="checkbox"/> <input type="checkbox"/> Show/Hide Access the cloud management platform! <div style="text-align: center; margin-top: 10px;"> Save ⓘ Reset ⓘ </div>
--	--






















5. 128 COPPIE DI CODICI, SEGMENTO E FREQUENZA POSSONO ESSERE RIFERITI AL SEGUENTE GRAFICO





















Group	2-8 Dial	IP Segment	5.8GHz	IP Segment	2.4GHz
n° 1		172.18.0.X	5160	172.17.0.X	2412
n° 2		172.18.1.X	5180	172.17.1.X	2417
n° 3		172.18.2.X	5200	172.17.2.X	2422
n° 4		172.18.3.X	5220	172.17.3.X	2427
n° 5		172.18.4.X	5240	172.17.4.X	2432
n° 6		172.18.5.X	5745	172.17.5.X	2437
n° 7		172.18.6.X	5765	172.17.6.X	2442
n° 8		172.18.7.X	5785	172.17.7.X	2447
n° 9		172.18.8.X	5805	172.17.8.X	2452















n° 10		172.18.9.X	5825	172.17.9.X	2457
n° 11		172.18.10.X	5160	172.17.10.X	2462
n° 12		172.18.11.X	5180	172.17.11.X	2412
n° 13		172.18.12.X	5200	172.17.12.X	2417
n° 14		172.18.13.X	5220	172.17.13.X	2422
n° 15		172.18.14.X	5240	172.17.14.X	2427
n° 16		172.18.15.X	5745	172.17.15.X	2432
n° 17		172.18.16.X	5765	172.17.16.X	2437
n° 18		172.18.17.X	5785	172.17.17.X	2442
n° 19		172.18.18.X	5805	172.17.18.X	2447
n° 20		172.18.19.X	5825	172.17.19.X	2452
n° 21		172.18.20.X	5160	172.17.20.X	2457
n° 22		172.18.21.X	5180	172.17.21.X	2462
n° 23		172.18.22.X	5200	172.17.22.X	2412
n° 24		172.18.23.X	5220	172.17.23.X	2417
n° 25		172.18.24.X	5240	172.17.24.X	2422
n° 26		172.18.25.X	5745	172.17.25.X	2427
n° 27		172.18.26.X	5765	172.17.26.X	2432
n° 28		172.18.27.X	5785	172.17.27.X	2437
n° 29		172.18.28.X	5805	172.17.28.X	2442
n° 30		172.18.29.X	5825	172.17.29.X	2447

n° 31		172.18.30.X	5160	172.17.30.X	2452
n° 32		172.18.31.X	5180	172.17.31.X	2457
n° 33		172.18.32.X	5200	172.17.32.X	2462
n° 34		172.18.33.X	5220	172.17.33.X	2412
n° 35		172.18.34.X	5240	172.17.34.X	2417
n° 36		172.18.35.X	5745	172.17.35.X	2422
n° 37		172.18.36.X	5765	172.17.36.X	2427
n° 38		172.18.37.X	5785	172.17.37.X	2432
n° 39		172.18.38.X	5805	172.17.38.X	2437
n° 40		172.18.39.X	5825	172.17.39.X	2442
n° 41		172.18.40.X	5160	172.17.40.X	2447
n° 42		172.18.41.X	5180	172.17.41.X	2452
n° 43		172.18.42.X	5200	172.17.42.X	2457
n° 44		172.18.43.X	5220	172.17.43.X	2462
n° 45		172.18.44.X	5240	172.17.44.X	2412
n° 46		172.18.45.X	5745	172.17.45.X	2417
n° 47		172.18.46.X	5765	172.17.46.X	2422
n° 48		172.18.47.X	5785	172.17.47.X	2427
n° 49		172.18.48.X	5805	172.17.48.X	2432
n° 50		172.18.49.X	5825	172.17.49.X	2437
n° 51		172.18.50.X	5160	172.17.50.X	2442

n° 52		172.18.51.X	5180	172.17.51.X	2447
n° 53		172.18.52.X	5200	172.17.52.X	2452
n° 54		172.18.53.X	5220	172.17.53.X	2457
n° 55		172.18.54.X	5240	172.17.54.X	2462
n° 56		172.18.55.X	5745	172.17.55.X	2412
n° 57		172.18.56.X	5765	172.17.56.X	2417
n° 58		172.18.57.X	5785	172.17.57.X	2422
n° 59		172.18.58.X	5805	172.17.58.X	2427
n° 60		172.18.59.X	5825	172.17.59.X	2432
n° 61		172.18.60.X	5160	172.17.60.X	2437
n° 62		172.18.61.X	5180	172.17.61.X	2442
n° 63		172.18.62.X	5200	172.17.62.X	2447
n° 64		172.18.63.X	5220	172.17.63.X	2452
n° 65		172.18.64.X	5240	172.17.64.X	2457
n° 66		172.18.65.X	5745	172.17.65.X	2462
n° 67		172.18.66.X	5765	172.17.66.X	2412
n° 68		172.18.67.X	5785	172.17.67.X	2417
n° 69		172.18.68.X	5805	172.17.68.X	2422
n° 70		172.18.69.X	5825	172.17.69.X	2427
n° 71		172.18.70.X	5160	172.17.70.X	2432
n° 72		172.18.71.X	5180	172.17.71.X	2437

n° 73		172.18.72.X	5200	172.17.72.X	2442
n° 74		172.18.73.X	5220	172.17.73.X	2447
n° 75		172.18.74.X	5240	172.17.74.X	2452
n° 76		172.18.75.X	5745	172.17.75.X	2457
n° 77		172.18.76.X	5765	172.17.76.X	2462
n° 78		172.18.77.X	5785	172.17.77.X	2412
n° 79		172.18.78.X	5805	172.17.78.X	2417
n° 80		172.18.79.X	5825	172.17.79.X	2422
n° 81		172.18.80.X	5160	172.17.80.X	2427
n° 82		172.18.81.X	5180	172.17.81.X	2432
n° 83		172.18.82.X	5200	172.17.82.X	2437
n° 84		172.18.83.X	5220	172.17.83.X	2442
n° 85		172.18.84.X	5240	172.17.84.X	2447
n° 86		172.18.85.X	5745	172.17.85.X	2452
n° 87		172.18.86.X	5765	172.17.86.X	2457
n° 88		172.18.87.X	5785	172.17.87.X	2462
n° 89		172.18.88.X	5805	172.17.88.X	2412
n° 90		172.18.89.X	5825	172.17.89.X	2417
n° 91		172.18.90.X	5160	172.17.90.X	2422
n° 92		172.18.91.X	5180	172.17.91.X	2427
n° 93		172.18.92.X	5200	172.17.92.X	2432

n° 94		172.18.93.X	5220	172.17.93.X	2437
n° 95		172.18.94.X	5240	172.17.94.X	2442
n° 96		172.18.95.X	5745	172.17.95.X	2447
n° 97		172.18.96.X	5765	172.17.96.X	2452
n° 98		172.18.97.X	5785	172.17.97.X	2457
n° 99		172.18.98.X	5805	172.17.98.X	2462
n° 100		172.18.99.X	5825	172.17.99.X	2412
n° 101		172.18.100.X	5160	172.17.100.X	2417
n° 102		172.18.101.X	5180	172.17.101.X	2422
n° 103		172.18.102.X	5200	172.17.102.X	2427
n° 104		172.18.103.X	5220	172.17.103.X	2432
n° 105		172.18.104.X	5240	172.17.104.X	2437
n° 106		172.18.105.X	5745	172.17.105.X	2442
n° 107		172.18.106.X	5765	172.17.106.X	2447
n° 108		172.18.107.X	5785	172.17.107.X	2452
n° 109		172.18.108.X	5805	172.17.108.X	2457
n° 110		172.18.109.X	5825	172.17.109.X	2462
n° 111		172.18.110.X	5160	172.17.110.X	2412
n° 112		172.18.111.X	5180	172.17.111.X	2417
n° 113		172.18.112.X	5200	172.17.112.X	2422
n° 114		172.18.113.X	5220	172.17.113.X	2427

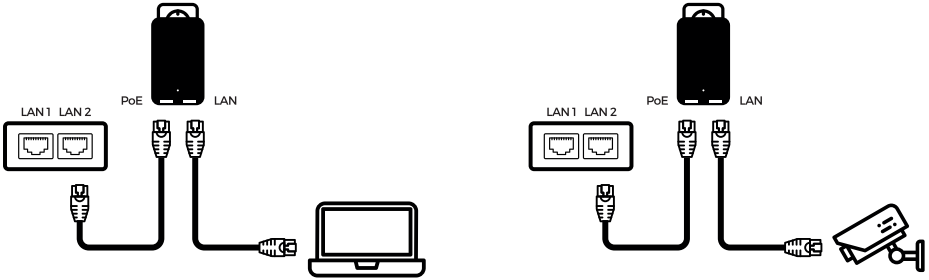
n° 115		172.18.114.X	5240	172.17.114.X	2432
n° 116		172.18.115.X	5745	172.17.115.X	2437
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n° 118		172.18.117.X	5785	172.17.117.X	2447
n° 119		172.18.118.X	5805	172.17.118.X	2452
n° 120		172.18.119.X	5825	172.17.119.X	2457
n° 121		172.18.120.X	5160	172.17.120.X	2462
n° 122		172.18.121.X	5180	172.17.121.X	2412
n° 123		172.18.122.X	5200	172.17.122.X	2417
n° 124		172.18.123.X	5220	172.17.123.X	2422
n° 125		172.18.124.X	5240	172.17.124.X	2427
n° 126		172.18.125.X	5745	172.17.125.X	2432
n° 127		172.18.126.X	5765	172.17.126.X	2437
n° 128		172.18.127.X	5785	172.17.127.X	2442

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1. DIAGRAMA DE CONEXIÓN

1.1 Diagrama de conexión entre POE con el CPE



Puerto POE: conecte el puerto LAN1 o LAN2 al AP

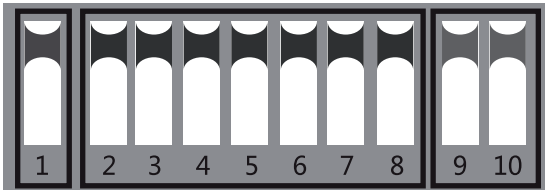
LAN POE: conecta a PC, cámara, Switch o XVR.

Notas

1. Ambos puertos RJ45 (negro y amarillo) en el AP son conexiones LAN.
2. Si desea ingresar a la página web, debe ingresar manualmente la dirección IP de la PC.
3. El adaptador POE tiene 3 entradas. Uno para el cable de alimentación, 2 para la conectividad.
4. El adaptador POE no está diseñado para uso en exteriores. Es aconsejable mantenerlo alejado de los fenómenos atmosféricos.

En la parte inferior del dispositivo hay 2 entradas RJ45, una llamada POE y la otra LAN. Utilice un cable Cat5 para conectar el dispositivo a la PC, cámara, Switch o XVR.

2. INSTRUCCIONES DEL DISPOSITIVO DIP



Tecla 1: Cambia el modo del dispositivo, ARRIBA es el modo AP (Access Point) que se utilizará para PC, Switch o XVR, ABAJO para las cámaras.

Teclas 2 a 8: son para el acoplamiento de diferentes dispositivos AP. Hay 128 combinaciones diferentes que se pueden crear usando las 7 claves coincidentes (Matching keys), que corresponden a 128 SSID diferentes y 128 segmentos diferentes. Las páginas 8 a 15 a continuación muestran todas las combinaciones posibles.

Las teclas 9 y 10: Son para la funcionalidad punto a multipunto. Es posible utilizar hasta 4 cámaras con un dvr. Configure los interruptores DIP de la siguiente manera:

1. Desde dvr / PC / switch, los interruptores 9 y 10 deben permanecer activados.

2. Desde la cámara, seleccione una de las 4 configuraciones para los interruptores 9 y 10:

Cámara 1: 9 bajada y 10 bajada

Cámara 2: 9 bajada y 10 subida

Cámara 3: 9 levantada y 10 bajada

Cámara 4: 9 levantada y 10 levantada

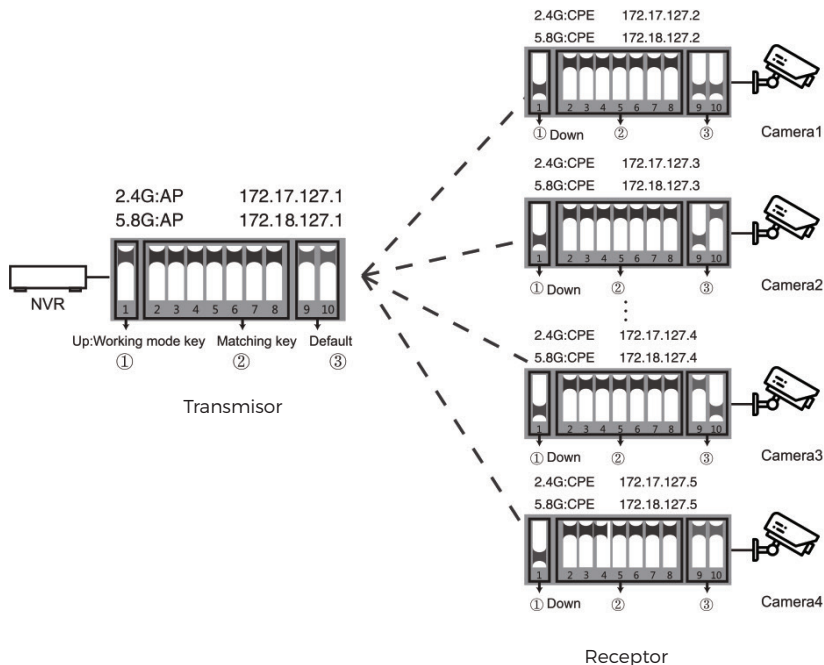
3. Los ajustes de cambio entre cámaras no se pueden duplicar para los botones 9 y 10 o pueden producirse interferencias, hasta 4 puntos.

Observaciones:

1. Reinicie el AP después de finalizar la configuración DIP.

2. El SSID predeterminado del tipo de AP DIP no se transmite, la contraseña se ha establecido y se puede personalizar.

3. Asegúrese de que la dirección IP de la cámara sea diferente a la del AP. Apunta a multipunto, como en la siguiente imagen:



Nota: Para un caso de un solo punto a punto, no importa qué ranura utilice. Solo asegúrese de que la "Working mode key" y la "Working key" estén configuradas correctamente.

3. CONFIGURAR LA FUERZA DE LA SEÑAL

Si desea cambiar la configuración del AP. Siga la siguiente configuración.

1. Asigne una dirección IP estática a la PC en el mismo rango que el AP

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address:

Subnet mask:

Default gateway:

Obtain DNS server address automatically

Use the following DNS server address:

Preferred DNS server:

Alternate DNS server:

Nota: La máscara de subred debe ser "255.255.0.0" para IP "172.18.128.1".

Note: La dirección IP para dispositivos 2.4G es 172.18.0.2
La máscara de subred es 255.255.0.0

La dirección IP para dispositivos 5.8G es 172.18.0.2
La máscara de subred es 255.255.0.0

Ingrese la dirección IP del dispositivo AP correspondiente en el navegador IE para ingresar a la página WEB, la contraseña predeterminada es "password". La intensidad de la señal se puede configurar después de iniciar sesión.

Wireless Network

Status

System

- > Transmit Power
- Mode
- Router Access
- Time
- Backup / Restore
- Update Firmware
- Reboot

Logout

Transmit Power Configuration

Power: dBm(Max 27 dBm)

Encryption Configuration

Use Custom Key: show

Distance Configuration

Distance:

Client Signal Threshold

Signal Threshold: (Only for Station)

Configuración de la potencia de transmisión: El valor predeterminado es el valor máximo, la potencia de transmisión debe reducirse adecuadamente cuando la señal es demasiado fuerte.

Configuración de cifrado: la clave personalizada se puede utilizar para la seguridad. (Se debe configurar la misma clave en el transmisor y el receptor).

Configuración de distancia: el valor predeterminado es dos kilómetros, debe configurarse de acuerdo con sus necesidades. (Se debe establecer el mismo valor de distancia en el transmisor y el receptor. De lo contrario, se producirá una conexión de red de baja latencia y bajo ancho de banda).

4. PREGUNTAS Y RESPUESTAS

P1: ¿Qué se debe tener en cuenta al configurar los interruptores DIP AP?

R1: asegúrese de que la energía esté apagada

P2: ¿Cómo funciona el AP sin una fuente de alimentación dedicada?

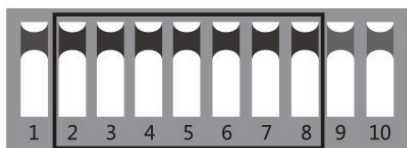
R2: El AP recibe energía a través del cable cat5e. Llamado PoE. Se requieren dos cables para la conexión. Se recomienda utilizar cables STP Cat5e.

P3: ¿Cuánto tiempo puede tener el cable PoE?

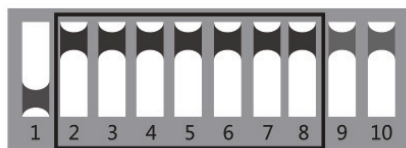
R3: Longitud del cable depende de la tensión de alimentación y de la calidad del cable. Para una fuente de alimentación de 24 V, la longitud del cable puede ser normalmente de 100 metros y hasta 200 metros para una fuente de alimentación de 48 V.

P4: ¿Por qué no veo ninguna luz de señal cuando el AP debería estar encendido?

R4: Le recomendamos que realice una prueba de resolución de problemas como se describe a continuación. Para el transmisor, configure todos los botones "1" en "10" ARRIBA. Por lo recibido re, ajuste los botones "1" ABAJO y botones 2 a 10 ARRIBA. Al final, encienda el dispositivo y espere 3 minutos. La distancia entre el transmisor y el receptor debe ser superior a 2 metros. Si aún no ve ninguna indicación de que las unidades estén encendidas y comunicándose entre sí, comuníquese con su distribuidor.



Transmisor



Receptor

P5: ¿Por qué la conexión de red local es inestable después de la instalación?

R5: Le sugerimos que pruebe dos acciones:

1. Cambie el cable para ver si es un problema de cable.

2. Intente cambiar el canal inalámbrico (diferentes configuraciones del interruptor DIP entre los botones 2 y 8) para eliminar la interferencia.

Si sigue teniendo problemas, póngase en contacto con su distribuidor.

P6: ¿El AP de 10 dígitos es compatible con los de 8 dígitos anteriores?

R6: Sí. Ingrese a la página WEP, según las instrucciones, seleccione el menú "system", haga clic en "mode", marque la casilla "8-digit DIP switch mode", luego "save changes". Apague el AP, configúrelo de acuerdo con las instrucciones para un dispositivo DIP de 8 dígitos. (Centrándose en los botones 1 a 8 solamente).

P7: ¿Tengo un interruptor de 8 dígitos. ¿Es compatible con los nuevos dispositivos de 10 dígitos?

R7: Sí. Ingrese a la página WEP, según las instrucciones, seleccione el menú "system", haga clic en "mode", marque la casilla "8-digit DIP switch mode", luego "save changes". Apague el AP, configúrelo

de acuerdo con las instrucciones para un dispositivo DIP de 8 dígitos. (Centrándose en los botones 1 a 8 solamente).

P8: Después de conectar el AP al NVR, puedo ver la dirección IP de la cámara, pero no la imagen.

R8: Intente cambiar el puerto LAN del AP. Si sigue teniendo problemas, póngase en contacto con su distribuidor.

P9: ¿Qué representan los LED del dispositivo?

R9: Rojo: PWR: LED de encendido: está encendido cuando el dispositivo está conectado a la fuente de alimentación.

Azul: WLAN: LED de señal Wifi. Está encendido cuando Wifi está activo.

LAN1, LAN2, están encendidos cuando el dispositivo está funcionando.

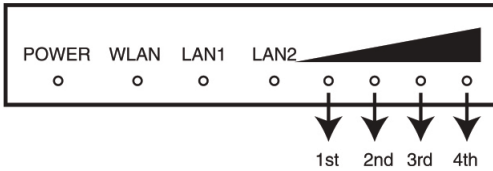
Naranja: intensidad de la señal inalámbrica.

Primer LED encendido: señal muy débil.

Primer y segundo LED encendidos: señal débil.

Primer, segundo y tercer LED encendidos: buena señal. Los 4 LED encendidos: señal óptima.

Si solo se enciende el último (cuarto) LED, la señal es demasiado fuerte. Intente configurar la intensidad de la señal como se explicó anteriormente.

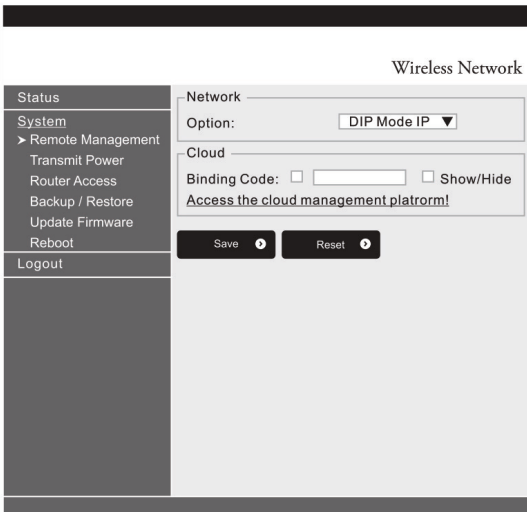


P10: ¿Cómo reiniciar el dispositivo?




















R10: Mantenga presionado el botón RST durante 6 segundos cuando el dispositivo esté encendido.






















P11: ¿Dónde encontrar el código de emparejamiento de los dispositivos?






















R11: Ingrese a la pantalla del dispositivo, haga clic en System-Remote Management Settings. Verifique e ingrese el código de emparejamiento, guarde para completar la operación. Para obtener más información, siga las instrucciones del manual de la nube.













































5. 128 PARES DE CÓDIGOS, SEGMENTO Y FRECUENCIA PUEDE REFERIRSE AL SIGUIENTE GRÁFICO






















Group	2-8 Dial	IP Segment	5.8GHz	IP Segment	2.4GHz
n° 1		172.18.0.X	5160	172.17.0.X	2412
n° 2		172.18.1.X	5180	172.17.1.X	2417
n° 3		172.18.2.X	5200	172.17.2.X	2422
n° 4		172.18.3.X	5220	172.17.3.X	2427
n° 5		172.18.4.X	5240	172.17.4.X	2432
n° 6		172.18.5.X	5745	172.17.5.X	2437
n° 7		172.18.6.X	5765	172.17.6.X	2442
n° 8		172.18.7.X	5785	172.17.7.X	2447
n° 9		172.18.8.X	5805	172.17.8.X	2452
n° 10		172.18.9.X	5825	172.17.9.X	2457
n° 11		172.18.10.X	5160	172.17.10.X	2462
n° 12		172.18.11.X	5180	172.17.11.X	2412
n° 13		172.18.12.X	5200	172.17.12.X	2417
n° 14		172.18.13.X	5220	172.17.13.X	2422
n° 15		172.18.14.X	5240	172.17.14.X	2427
n° 16		172.18.15.X	5745	172.17.15.X	2432
n° 17		172.18.16.X	5765	172.17.16.X	2437
n° 18		172.18.17.X	5785	172.17.17.X	2442
n° 19		172.18.18.X	5805	172.17.18.X	2447





n° 20		172.18.19.X	5825	172.17.19.X	2452
n° 21		172.18.20.X	5160	172.17.20.X	2457
n° 22		172.18.21.X	5180	172.17.21.X	2462
n° 23		172.18.22.X	5200	172.17.22.X	2412
n° 24		172.18.23.X	5220	172.17.23.X	2417
n° 25		172.18.24.X	5240	172.17.24.X	2422
n° 26		172.18.25.X	5745	172.17.25.X	2427
n° 27		172.18.26.X	5765	172.17.26.X	2432
n° 28		172.18.27.X	5785	172.17.27.X	2437
n° 29		172.18.28.X	5805	172.17.28.X	2442
n° 30		172.18.29.X	5825	172.17.29.X	2447
n° 31		172.18.30.X	5160	172.17.30.X	2452
n° 32		172.18.31.X	5180	172.17.31.X	2457
n° 33		172.18.32.X	5200	172.17.32.X	2462
n° 34		172.18.33.X	5220	172.17.33.X	2412
n° 35		172.18.34.X	5240	172.17.34.X	2417
n° 36		172.18.35.X	5745	172.17.35.X	2422
n° 37		172.18.36.X	5765	172.17.36.X	2427
n° 38		172.18.37.X	5785	172.17.37.X	2432
n° 39		172.18.38.X	5805	172.17.38.X	2437
n° 40		172.18.39.X	5825	172.17.39.X	2442

n° 41		172.18.40.X	5160	172.17.40.X	2447
n° 42		172.18.41.X	5180	172.17.41.X	2452
n° 43		172.18.42.X	5200	172.17.42.X	2457
n° 44		172.18.43.X	5220	172.17.43.X	2462
n° 45		172.18.44.X	5240	172.17.44.X	2412
n° 46		172.18.45.X	5745	172.17.45.X	2417
n° 47		172.18.46.X	5765	172.17.46.X	2422
n° 48		172.18.47.X	5785	172.17.47.X	2427
n° 49		172.18.48.X	5805	172.17.48.X	2432
n° 50		172.18.49.X	5825	172.17.49.X	2437
n° 51		172.18.50.X	5160	172.17.50.X	2442
n° 52		172.18.51.X	5180	172.17.51.X	2447
n° 53		172.18.52.X	5200	172.17.52.X	2452
n° 54		172.18.53.X	5220	172.17.53.X	2457
n° 55		172.18.54.X	5240	172.17.54.X	2462
n° 56		172.18.55.X	5745	172.17.55.X	2412
n° 57		172.18.56.X	5765	172.17.56.X	2417
n° 58		172.18.57.X	5785	172.17.57.X	2422
n° 59		172.18.58.X	5805	172.17.58.X	2427
n° 60		172.18.59.X	5825	172.17.59.X	2432
n° 61		172.18.60.X	5160	172.17.60.X	2437

n° 62		172.18.61.X	5180	172.17.61.X	2442
n° 63		172.18.62.X	5200	172.17.62.X	2447
n° 64		172.18.63.X	5220	172.17.63.X	2452
n° 65		172.18.64.X	5240	172.17.64.X	2457
n° 66		172.18.65.X	5745	172.17.65.X	2462
n° 67		172.18.66.X	5765	172.17.66.X	2412
n° 68		172.18.67.X	5785	172.17.67.X	2417
n° 69		172.18.68.X	5805	172.17.68.X	2422
n° 70		172.18.69.X	5825	172.17.69.X	2427
n° 71		172.18.70.X	5160	172.17.70.X	2432
n° 72		172.18.71.X	5180	172.17.71.X	2437
n° 73		172.18.72.X	5200	172.17.72.X	2442
n° 74		172.18.73.X	5220	172.17.73.X	2447
n° 75		172.18.74.X	5240	172.17.74.X	2452
n° 76		172.18.75.X	5745	172.17.75.X	2457
n° 77		172.18.76.X	5765	172.17.76.X	2462
n° 78		172.18.77.X	5785	172.17.77.X	2412
n° 79		172.18.78.X	5805	172.17.78.X	2417
n° 80		172.18.79.X	5825	172.17.79.X	2422
n° 81		172.18.80.X	5160	172.17.80.X	2427
n° 82		172.18.81.X	5180	172.17.81.X	2432

n° 83		172.18.82.X	5200	172.17.82.X	2437
n° 84		172.18.83.X	5220	172.17.83.X	2442
n° 85		172.18.84.X	5240	172.17.84.X	2447
n° 86		172.18.85.X	5745	172.17.85.X	2452
n° 87		172.18.86.X	5765	172.17.86.X	2457
n° 88		172.18.87.X	5785	172.17.87.X	2462
n° 89		172.18.88.X	5805	172.17.88.X	2412
n° 90		172.18.89.X	5825	172.17.89.X	2417
n° 91		172.18.90.X	5160	172.17.90.X	2422
n° 92		172.18.91.X	5180	172.17.91.X	2427
n° 93		172.18.92.X	5200	172.17.92.X	2432
n° 94		172.18.93.X	5220	172.17.93.X	2437
n° 95		172.18.94.X	5240	172.17.94.X	2442
n° 96		172.18.95.X	5745	172.17.95.X	2447
n° 97		172.18.96.X	5765	172.17.96.X	2452
n° 98		172.18.97.X	5785	172.17.97.X	2457
n° 99		172.18.98.X	5805	172.17.98.X	2462
n° 100		172.18.99.X	5825	172.17.99.X	2412
n° 101		172.18.100.X	5160	172.17.100.X	2417
n° 102		172.18.101.X	5180	172.17.101.X	2422
n° 103		172.18.102.X	5200	172.17.102.X	2427

n° 104		172.18.103.X	5220	172.17.103.X	2432
n° 105		172.18.104.X	5240	172.17.104.X	2437
n° 106		172.18.105.X	5745	172.17.105.X	2442
n° 107		172.18.106.X	5765	172.17.106.X	2447
n° 108		172.18.107.X	5785	172.17.107.X	2452
n° 109		172.18.108.X	5805	172.17.108.X	2457
n° 110		172.18.109.X	5825	172.17.109.X	2462
n° 111		172.18.110.X	5160	172.17.110.X	2412
n° 112		172.18.111.X	5180	172.17.111.X	2417
n° 113		172.18.112.X	5200	172.17.112.X	2422
n° 114		172.18.113.X	5220	172.17.113.X	2427
n° 115		172.18.114.X	5240	172.17.114.X	2432
n° 116		172.18.115.X	5745	172.17.115.X	2437
n° 117		172.18.116.X	5765	172.17.116.X	2442
n° 118		172.18.117.X	5785	172.17.117.X	2447
n° 119		172.18.118.X	5805	172.17.118.X	2452
n° 120		172.18.119.X	5825	172.17.119.X	2457
n° 121		172.18.120.X	5160	172.17.120.X	2462
n° 122		172.18.121.X	5180	172.17.121.X	2412
n° 123		172.18.122.X	5200	172.17.122.X	2417
n° 124		172.18.123.X	5220	172.17.123.X	2422

n° 125		172.18.124.X	5240	172.17.124.X	2427
n° 126		172.18.125.X	5745	172.17.125.X	2432
n° 127		172.18.126.X	5765	172.17.126.X	2437
n° 128		172.18.127.X	5785	172.17.127.X	2442

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