

# **CÂMARA DE REDE**

Manual do usuário

XND-L6080R/XND-L6080RV/XND-L6080V XNO-L6080R XNV-L6080/XNV-L6080R



# Câmara de rede

# Manual do usuário

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- Design e especificações estão sujeitos a alterações sem aviso prévio.
- ❖ O ID inicial de administrador é "admin" e a senha deverá ser definida ao fazer o logon pela primeira vez.

Por favor, mude sua senha a cada três meses para proteger suas informações pessoais de forma segura e para evitar os prejuízos causados pelo roubo de informação.

Repare, por favor, que a segurança e quaisquer outros problemas causados pelo mau gerenciamento de senhas é da responsabilidade do usuário.

# INSTRUÇÕES IMPORTANTES DE SEGURANÇA

- 1. Leia estas instruções.
- 2. Guarde estas instruções.
- 3. Preste atenção a todos os avisos.
- 4. Siga todas as instruções.
- 5. Não utilize este leitor próximo à água.
- 6. Limpe a área contaminada na superfície do produto com um pano macio e seco ou úmido. (Não use detergentes ou produtos cosméticos que contenham álcool, solventes, tensoativos ou componentes de óleo pois eles podem deformar ou causar danos no produto.)
- 7. Não bloqueie as aberturas de ventilação. Instale de acordo com as instruções do fabricante.
- 8. Não o instale perto de fontes de calor, como radiadores, sistemas de aquecimento ou outros aparelhos que produzam calor, (incluindo amplificadores).
- 9. O plugue polarizado ou de aterramento desempenha uma importante função de segurança. Um plugue polarizado contém duas lâminas com uma mais larga do que a outra. Um plugue do tipo-terra contém duas lâminas e um terceiro pino de aterramento. A lâmina larga ou o terceiro pino são fornecidos para sua segurança. Se o plugue fornecido não encaixar na tomada, chame um eletricista para trocar a tomada inadequada.
- 10. O cabo de alimentação deve ser posicionado de maneira que não seja deformado nem comprimido, especialmente nos plugues, em tomadas elétricas e nos pontos de saída do leitor.
- 11. Utilize apenas conexões / acessórios especificados pelo fabricante.
- 12. Utilize apenas carrinhos, bases, tripés, suportes ou mesas especificados pelo fabricante ou vendidos com o leitor. Ao utilizar um carrinho, tenha cuidado ao deslocá-lo com o leitor, para evitar ferimentos caso tombem.
- Desligue este leitor da tomada durante tempestades com raios ou quando n\u00e3o for utiliz\u00e1lo por um longo per\u00edodo.
- 14. Todos os serviços de manutenção devem ser executados por técnicos qualificados. A manutenção será necessária quando o leitor for danificado de alguma forma, como danos ao cabo de alimentação ou plugue, derramamento de líquidos ou queda de objetos sobre o leitor, exposição à chuva ou umidade, mau funcionamento ou queda.
- 15. Se você usar força excessiva ao instalar o produto, a câmera pode ficar danificada e avariada. Você pode danificar o produtos ao instalá-lo à força, usando ferramentas incompatíveis.
- 16. Não instale o produto em um local onde existem ou podem ser geradas substâncias químicas ou névoa de óleo. Como os óleos comestíveis como óleo de soja podem danificar ou deformar o produto, não instale o produto na cozinha ou perto da mesa da cozinha. Isso pode danificar o produto.
- 17. Ao instalar o produto, tenha cuidado para n\u00e3o permitir que a superf\u00edcie do produto seja manchada com alguma subst\u00e1ncia gu\u00edmica.
  - Alguns solventes químicos tais como purificadores ou adesivos podem causar danos na superfície do produto.
- 18. Se você instalar/desmontar o produto de uma forma que não a recomendada, as funções de produção/ desempenho não podem ser garantidas.
  - Instale o produto consultando "Instalação e conexão" no manual do usuário.
- 19. Instalar ou usar o produto na água pode causar danos sérios no produto.

# **AVISO**

PARA REDUZIR O RISCO DE INCÊNDIO OU CHOQUE ELÉTRICO, NÃO EXPONHA ESTE PRODUTO À CHUVA OU UMIDADE.

NÃO INSIRA OBJETOS METÁLICOS PELAS GRADES DE VENTILAÇÃO OU POR OUTROS ORIFÍCIOS NO EQUIPAMENTO.

O aparelho não deve ser exposto a goteiras ou respingos e não deve servir de base para recipientes com líquido, como vasos.

Para evitar ferimentos, este aparelho deve ser conectado com firmeza à parede/teto de acordo com as instruções de instalação.

# **CUIDADO**





CUIDADO: PARA REDUZIR O RISCO DE CHOQUE ELÉTRICO, NÃO REMOVA A TAMPA (OU PARTE TRASEIRA). NÃO EXISTEM PEÇAS INTERNAS QUE POSSAM SER REPARADAS PELO USUÁRIO. OS SERVIÇOS DE MANUTENÇÃO DEVEM SER EXECUTADOS POR TÉCNICOS QUALIFICADOS.

# EXPLICAÇÃO DOS SÍMBOLOS GRÁFICOS



O raio com uma seta na ponta dentro de um triângulo eqüilátero destina-se a alertar o usuário sobre a presença de "tensão perigosa" dentro da caixa do produto, cuja grandeza talvez seja suficiente para constituir risco de choque elétrico nas pessoas.



O ponto de exclamação dentro de um triângulo eqüilátero tem o objetivo de alertar o usuário sobre a presença de importantes instruções de operação e manutenção (serviço) na literatura que acompanha o produto.

# Construção de Classe I

Um aparelho com construção de CLASSE I deve ser conectado a uma tomada elétrica com uma conexão de terra para proteção.

## Bateria

As baterias(a unidade da bateria ou baterias instaladas) não devem ser expostas a calor excessivo, como luz do sol, fogo ou situações semelhantes.

A bateria não pode ser substituída.

# Dispositivo de desconexão

Desconecte o plugue de fonte de alimentação do aparelho, se estiver com defeito. E chame um técnico de reparos em seu local.

Fora dos Estados Unidos, ele poderá ser usado; o código HAR com adaptações de uma agência aprovada é empregado.

## **CUIDADO**

Estas instruções de manutenção devem ser praticadas apenas pela equipe técnica qualificada. Para reduzir o risco de choque elétrico, não execute qualquer outra manutenção que não seja a contida nas instruções de operação, a menos que você seja qualificado para executá-la.

O terminal CVBS de saída do produto é fornecido para instalação mais fácil e não é recomendado para finalidades de monitoramento.

Use a energia de entrada apenas com uma câmera e outros dispositivos não devem estar conectados.

O ITE deve ser conectado apenas para redes PoE sem roteamento para a planta exterior.

Leia as seguintes precauções recomendadas de segurança com atenção.

- Não coloque este aparelho em uma superfície irregular.
- Não o instale em uma superfície onde ficará exposto à luz direta do sul, perto de equipamentos que emitem calor ou áreas extremamente frias.
- Não coloque este aparelho próximo de materiais condutores.
- Não tente reparar pessoalmente este aparelho.
- Não coloque um copo de água sobre o produto.
- Não o instale perto de fontes magnéticas.
- Não bloqueie as aberturas de ventilação.
- Não coloque objetos pesados sobre o produto.
- Por favor, use luvas protetoras ao instalar/remover a câmera.
   A alta temperatura da superfície do produto pode causar queimaduras.

O Manual do Usuário é um guia contendo informações sobre como usar o produto.

O significado dos símbolos no manual é o seguinte.

- Referência: caso existam informações que ajudam a usar o produto
- Nota: caso exista qualquer possibilidade de ocorrerem danos ao produto e ao ser humano causados pelo não cumprimento das instruções
- \* Leia este manual quanto aos itens de segurança antes de usar o produto e mantenha-o em local seguro.

Em ambientes de instalação específicos, pode haver interferência em comunicações de rádio. Quando ocorrer interferência de ondas eletromagnéticas entre o produto e o dispositivo de comunicação de rádio, recomenda-se manter uma certa distância entre os dois ou alterar a direção da antena de recebimento.

# **VISÃO GERAL**

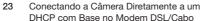
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# ESPECIFICAÇÕES RECOMENDADAS PARA PC

• CPU: Intel(R) Core(TM) i7 3,4 GHz ou superior

• RAM: 8Gb ou superior

• SO suportado : MS Windows, Mac OS X

· Visualizador Web

Navegador recomendado: Google Chrome

Navegadores suportados: MS Edge, MS IE, Firefox (apenas Windows 64bit), Apple Safari (apenas Mac OSX)

X Algumas funções podem estar restringidas mesmo em navegadores suportados.

# ESPECIFICAÇÕES DE CARTÃO DE MEMÓRIA MICRO SD/SDHC/SDXC

- Capacidade recomendada: 16GB a 256GB (tipo MLC)
- São recomendados para esta câmera os seguintes tipos de cartões de memória dos seguintes fabricantes.
- Fabricante: SanDisk, Transcend
- Família do Produto: Elevada resistência

# ESPECIFICAÇÕES RECOMENDADAS POR NAS

- Capacidade recomendada : É recomendado 200 GB ou superior.
- Acesso simultâneo : Uma unidade de NAS pode aceitar o máximo de dezesseis acessos de câmeras.
- Para esta câmera, é recomendado o uso de um NAS com as seguintes especificações do fabricante.

Produtos recomendados	Tamanhos disponíveis
QNAP NAS	Um máximo de 16 câmeras podem acessar simultaneamente.
NAS Synology	Um máximo de 16 câmeras podem acessar simultaneamente.



Se usar o equipamento da NAS para outros fins que não salvar vídeo, o número de câmeras acessíveis pode ser reduzido.

# ITENS FORNECIDOS (XND-L6080R/L6080RV/L6080V)

Verifique se sua câmera e os acessórios estão inclusos no pacote do produto. (Dado que para cada país de vendas, os acessórios não são os mesmos.)

Aparência	Nome do item	Quantidade	Descrição	Nome do modelo
	- Câmera -	1		XND-L6080R
		1		XND-L6080RV/ L6080V
	Guia de consulta rápida (Opcional)	1		
	Cartão de garantia (Opcional)	1		
	Cabo do monitor de teste	1	Usado para testar a conexão da câmera a um dispositivo de exibição portátil	Utilização para todos os modelos
(0)	Gabarito	1	Guia de instalação do produto	
	Macho de tarracha	2	Usadas para instalação em parede ou teto	
	Chave inglesa L	1	Usado para remover e recolocar a tampa do dome	XND-L6080RV/ L6080V

Aparência	Nome do item	Quantidade	Descrição	Nome do modelo
	Opçô	ões (não incl	usas)	
	Carcaça Embutida de Interior		Carcaça para uso em interiores em tipo de câmeras embutidas	Utilização para todos os modelos



# ITENS FORNECIDOS (XNO-L6080R)

Verifique se sua câmera e os acessórios estão inclusos no pacote do produto. (Dado que para cada país de vendas, os acessórios não são os mesmos.)

Aparência	Nome do item	Quantidade	Descrição
	Câmera	1	
	Guia de consulta rápida (Opcional)	1	
	Cartão de garantia (Opcional)	1	
	Cabo do monitor de teste	1	Usado para testar a conexão da câmera a um dispositivo de exibição portátil
	Gabarito	1	Guia de instalação do produto
	Chave inglesa L	1	Usado para controlar a direção da câmera
	Macho de tarracha	3	Usadas para instalação em parede ou teto

Aparência	Nome do item	Quantidade	Descrição
	Protetor solar	1	Protege a câmera da luz direta do sol.
•	Parafuso de fixação da proteção solar	1	Fixa o protetor solar à câmera.
300	Acessório impermeável RJ45	1	Usado em instalações em locais úmidos
	Guia de instalação do acessório RJ45 à prova de água.	1	

# ITENS FORNECIDOS (XNV-L6080/L6080R)

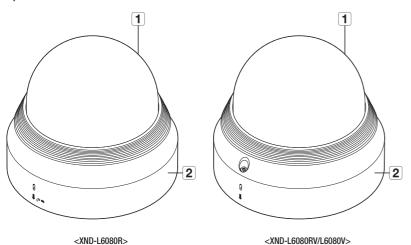
Verifique se sua câmera e os acessórios estão inclusos no pacote do produto. (Dado que para cada país de vendas, os acessórios não são os mesmos.)

Aparência	Nome do item	Quantidade	Descrição
	Câmera	1	
	Guia de consulta rápida (Opcional)	1	
	Cartão de garantia (Opcional)	1	
	Cabo do monitor de teste	1	Usado para testar a conexão da câmera a um dispositivo de exibição portátil
(*)	Gabarito	1	Guia de instalação do produto
	Macho de tarracha	3	Usadas para instalação em parede ou teto
	Chave inglesa L	1	Usado para remover e recolocar a tampa do dome

Aparência	Nome do item	Quantidade	Descrição
	Bucha de plástico	3	Para fixar um parafuso, inserido em um orifício (força de fixação reforçada)
	Parafusos da máquina	3	Usados para montar a caixa da cúpula ao instalar o produto no tubo, montagem em parede, etc. ou bloquear um orifício.
	Instalador de tampa	1	Usado ao conectar o cabo RJ45
Opções (não inclusas)			
	Carcaça Embutida de Interior		Carcaça para uso em interiores em tipo de câmeras embutidas

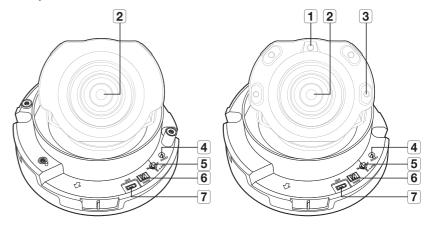
# INFORMAÇÕES RESUMIDAS (XND-L6080R/L6080RV/L6080V)

# Aparência



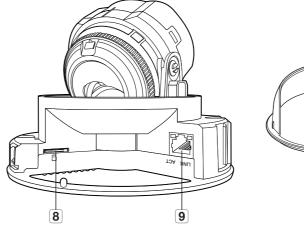
Item	Descrição	
1 Tampa do Dome	Tampa da caixa usada para proteger a lente e a unidade principal.	
2 Caixa da câmera	Parte da caixa que cobre o corpo da câmera.	

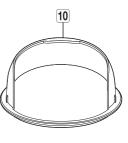
# Componentes



<XND-L6080V>

<XND-L6080R/L6080RV>



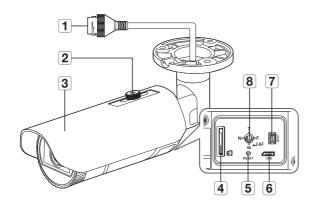


Item	Descrição		
1 Sensor de iluminação	Detecta a luz de entrada para controlar o LED de IV.		
2 Lente	Lentes da câmera.		
3 LED de IV	Esses LEDs de infravermelho são controlados pelo sensor de iluminação.		
4 Botão Reset	O botão restaura todas as configurações da câmera com os valores padrão de fábrica.  Pressione e mantenha pressionado por cerca de 5 segundos para reiniciar o sistema.  Se você reinicializar a câmera, as configurações de rede serão ajustadas para que o DHCP possa ser ativado. Se não houver servidor DHCP na rede, você deve executar o programa Device Manager para alterar as configurações básicas da rede, como o endereço IP, a máscara de sub-rede, o gateway etc., antes que possa se conectar à rede.		
	T	Ampliar (aproximar imagem) (Tele)	
	W	Reduzir (afastar imagem) (Grande Angular)	
Botão de controle de Zoom/ Focagem	N	Focar em um objeto próximo (Perto)	
	F	Focar em um objeto distante (Longe)	
	Controle de Foco	Pressione o botão para controle automático de foco.	
6 Teste da saída do monitor	Porta de saída para testar o monitoramento da saída de vídeo. Utilize o cabo de teste do monitor para se conectar a um visor móvel e verificar o vídeo de teste.		
7 Porta MICRO USB	Porta para conectar o dongle WiFi.  Você pode assistir ao vídeo de instalação através dos aplicativos instalados no smartphone.  Consulte "Ligação ao dongle WiFi" na página 22.  O dongle WiFi e o adaptador OTG são vendidos separadamente.		
Compartimento para cartões de memória Micro SD	Compartimento para cartões de memória Micro SD.		
9 Conector PoE	Conecta à rede e fornece energia através de uma cabo Ethernet.		
10 Cobertura interior	Cobertura protetora para o corpo principal.		



# INFORMAÇÕES RESUMIDAS (XNO-L6080R)

# Aparência & Componentes

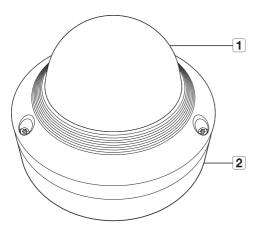


Item	Descrição		
1 Conector PoE	Conecta à rede e fornece energia através de uma cabo Ethernet.		
Parafuso de fixação da proteção solar	Fixa o protetor solar à câmera.		
3 Protetor solar	Protege a câmera da luz direta do sol.		
Ranhura para cartão Micro SD	Esta é uma ranhura na qual você pode inserir um cartão Micro SD.		
	O botão restaura todas as configurações da câmera com os valores padrão de fábrica. Pressione e mantenha pressionado por cerca de 5 segundos para reiniciar o sistema.		
5 Botão Reset	Se você reinicializar a câmera, as configurações de rede serão ajustadas para que o DHCP possa ser ativado. Se não houver servidor DHCP na rede, você deve executar o programa Device Manager para alterar as configurações básicas da rede, como o endereço IP, a máscara de sub-rede, o gateway etc., antes que possa se conectar à rede.		
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Item	Descrição		
7 Teste da saída do monitor	Porta de saída para testar o monitoramento da saída de vídeo. Utilize o cabo de teste do monitor para se conectar a um visor móvel e verificar o vídeo de teste.		
8 Botão de controle de Zoom/ Focagem	Т	Ampliar (aproximar imagem) (Tele)	
	W	Reduzir (afastar imagem) (Grande Angular)	
	N	Focar em um objeto próximo (Perto)	
	F	Focar em um objeto distante (Longe)	
	Controle de Foco	Pressione o botão para controle automático de foco.	

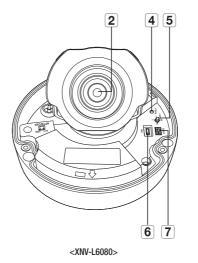
# INFORMAÇÕES RESUMIDAS (XNV-L6080/L6080R)

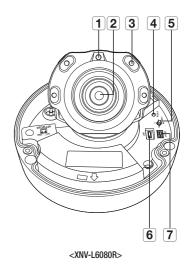
# Aparência

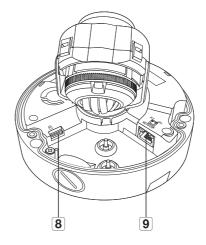


Item	Descrição	
1 Tampa do Dome	Tampa da caixa usada para proteger a lente e a unidade principal.	
2 Caixa da câmera	Parte da caixa que cobre o corpo da câmera.	

# Componentes







Item	Descrição	
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Botão de controle de Zoom/ Focagem	N	Focar em um objeto próximo (Perto)
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6 Porta MICRO USB	Porta para conectar o dongle WiFi. Você pode assistir ao vídeo de instalação através dos aplicativos instalados no smartphone. Consulte "Ligação ao dongle WiFi" na página 22.  O dongle WiFi e o adaptador OTG são vendidos separadamente.	
7 Teste da saída do monitor	Porta de saída para testar o monitoramento da saída de vídeo. Utilize o cabo de teste do monitor para se conectar a um visor móvel e verificar o vídeo de teste.	
Compartimento para cartões de memória Micro SD	Compartimento para cartões de memória Micro SD.	
9 Conector PoE	Conecta à rede e fornece energia através de uma cabo Ethernet.	

# instalação e conexão

# INSTALAÇÃO (XND-L6080R)

### Precauções antes da instalação

Certifique-se de ler as seguintes instruções antes de instalar a câmera:

- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmera incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de segurança, mantenha outras pessoas longe do local de instalação.
   E coloque os pertences pessoais longe do local, apenas por precaução.
- Se usar força excessiva ao instalar o produto, a câmera pode ficar danificada devido a avariada.
   Forçar a montagem usando ferramentas incompatíveis pode danificar o produto.

### Desmontando

1. Use uma mão para segurar a parte inferior da câmera e gire a tampa no sentido anti-horário com a outra mão para a separar.



2. Levante a tampa interna para a separar.



### Instalação

- Junte o modelo de instalação com base na direção de monitoramento e faça um furo ajustado ao modelo.
  - Defina a marca < 
     \( \frac{1}{2} > \) impressa na câmera para apontar na direção do monitoramento da câmera.



- 2. Use o parafuso roscante fornecido para fixar a câmera no furo.
- 3. Conecte o terminal interno da câmera ao cabo correspondente.
- Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 20)
- Recomendamos que não toque na lente, uma vez que a lente da câmera foi adequadamente focada no processo final de fabrico. Se o fizer, a lente pode ficar desfocada ou manchada por substâncias estranhas.
- 5. Por favor, conecte a tampa interna ao corpo principal.
- 6. Segurando o lado inferior da câmera com a mão, por favor, agarre e empurre a sua tampa com a outra mão para alinhar o sinal das duas setas, como é mostrado na figura.
  - Ao conectar a tampa da cúpula, alinhe as setas e conecte-as perpendicularmente ao corpo principal.

Se a tampa da cúpula não for conectada corretamente, isso pode resultar em uma distorção da capa ao redor da lente, causando reflexos dispersos.

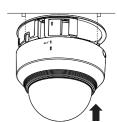
Fixe a tampa da cúpula firmemente. Se a tampa da cúpula não for rodada ou não for montada corretamente, isso pode causar reflexos dispersos, ou as peças à volta da lente se podem mover e causar uma alteração na amplitude de captura.

 Certifique-se de que a tampa está conectada corretamente à parte inferior como mostra a figura abaixo.

Se o encaixe não ficar bem feito, a tampa pode cair, podendo causar ferimentos.









# INSTALAÇÃO (XND-L6080RV/L6080V)

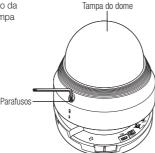
### Precauções antes da instalação

Certifique-se de ler as seguintes instruções antes de instalar a câmera:

- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmera incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de segurança, mantenha outras pessoas longe do local de instalação. E coloque os pertences pessoais longe do local, apenas por precaução.
- Se usar forca excessiva ao instalar o produto, a câmera pode ficar danificada devido a avariada. Forçar a montagem usando ferramentas incompatíveis pode danificar o produto.

### Desmontando

1. Use o chave em L fornecida para afrouxar o parafuso de fixação da tampa da cúpula girando-o no sentido anti-horário e retire a tampa da cúpula.

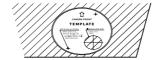


2. Levante a tampa interna para a separar.

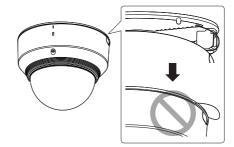


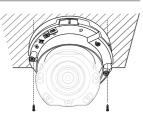
# Instalação

- 1. Junte o modelo de instalação com base na direção de monitoramento e faca um furo ajustado ao modelo.
  - Defina a marca < ♠ > impressa na câmera para apontar na direção do monitoramento da câmera

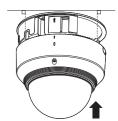


- 2. Use o parafuso roscante fornecido para fixar a câmera no furo.
- 3. Conecte o terminal interno da câmera ao cabo correspondente.
- 4. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 20)
- Recomendamos que não toque na lente, uma vez que a lente da câmera foi adequadamente focada no processo final de fabrico. Se o fizer, a lente pode ficar desfocada ou manchada por substâncias estranhas.
- 5. Por favor, conecte a tampa interna ao corpo principal.
- 6. Pegue na parte de baixo da câmera com uma mão e a tampa com a outra mão, alinhe as setas e monte elas usando a chave hex.
- Ao conectar a tampa da cúpula, alinhe as setas e conecte-as perpendicularmente ao corpo principal.
  - Se a tampa da cúpula não for conectada corretamente, isso pode resultar em uma distorção da capa ao redor da lente, causando reflexos dispersos.
  - Certifique-se de que a tampa da cúpula está conectada com firmeza à outra parte. Se a tampa da cúpula não for conectada corretamente à parte de baixo do corpo principal, poderá ocorrer reflexo disperso.
  - Certifique-se de que a tampa está conectada corretamente à parte inferior como mostra a figura abaixo.
  - Se o encaixe não ficar bem feito, a tampa pode cair, podendo causar ferimentos.
  - Ao montar a tampa da cúpula na câmera, certifique-se de que não deixa o cabo de segurança ficar preso entre a cobertura da cúpula e a câmera. Isso causará o reflexo IR disperso.











# INSTALAÇÃO (XNO-L6080R)



Esta camara é impermeável e cumpre as especificações IP66, mas a ficha conectada ao cabo externo não cumpre. Se recomenda instalar este produto debaixo da borda das abas para evitar que o cabo seja exteriormente exposto.

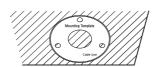
### Precauções antes da instalação

Certifique-se de ler as seguintes instruções antes de instalar a câmera:

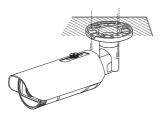
- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmera incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de segurança, mantenha outras pessoas longe do local de instalação.
   E coloque os pertences pessoais longe do local, apenas por precaução.
- Não use o buraco do protetor solar para qualquer finalidade que não seja para ligar o protetor solar.
- Se você usar força excessiva ao instalar o produto, a câmera pode ficar danificada e avariada.
   Você pode danificar o produtos ao instalá-lo à força, usando ferramentas incompatíveis.

## Instalação

 Junte o modelo de instalação com base na direção de monitoramento e faça um furo ajustado ao modelo.



- 2. Use o parafuso roscante fornecido para fixar a câmera no furo.
- 3. Conecte os cabos adequados com os terminais da câmera.



4. Ajuste a direção da câmera com a chave em L fornecida.



Quando você ajustar a posição da câmera usando um suporte, por favor, afrouxe o parafuso do suporte, ajuste a câmera, e aperte-o. Se tentar ajustá-lo à força, estando o parafuso apertado, pode riscar ou causar outros problemas.



## Como conectar o cabo impermeável RJ45 a um cabo de LAN

1. Insira-o, seguindo a direção da seta.



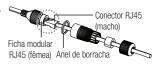
2. Conecte o conector de LAN (macho) ao cabo.



3. Conecte a ficha modular RJ45 (fêmea) ao conector RJ45 (macho).



Por favor, mantenha cada uma das partes separadas.



 Monte girando a ficha modular RJ45 (fêmea) e a tampa de protecão RJ45 no sentido horário (Siga a seta).



Monte girando a tampa de proteção RJ45 e a tampa traseira no sentido horário (Siga a seta).

Quando a tampa traseira é montada, a junta impermeável do cabo é firmemente conectada ao cabo para torná-lo impermeável.



 Você deve montá-la totalmente para girar a tampa traseira até o final do parafuso roscado do conector RJ45.



# Instalação no exterior

Quando instalar o aparelho, se o fizer fora do edifício, por favor impermeabilize a ficha com tape impermeável de borracha butílica (pode ser adquirida em lojas) para que a água não extravase a partir do vão do cabo conectado para o exterior.

- 1. Conecte ao cabo PoE.
- Envolva o revestimento do cabo negro (Área A) e a área de ligação do cabo com tape impermeável (borracha butílica) de modo que mais de metade da fita de borracha de butilo esteia sobreposta.



- Se o invólucro do cabo não se encontrar adequadamente impermeabilizado, pode diretamente provocar vazamento.
   Certifique-se de proteger o cabo com uma densa camada de tape.
  - A tape de borracha butílica é fabricada a partir de borracha de butilo que pode ser esticada até ao dobro de seu comprimento normal.



# INSTALAÇÃO (XNV-L6080/L6080R)



Esta camara é impermeável e cumpre as especificações IP66, mas a ficha conectada ao cabo externo não cumpre. Se recomenda instalar este produto debaixo da borda das abas para evitar que o cabo seja exteriormente exposto.

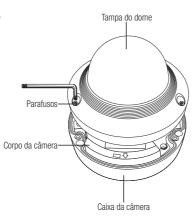
### Precauções antes da instalação

Certifique-se de ler as seguintes instruções antes de instalar a câmera:

- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmera incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de seguranca, mantenha outras pessoas longe do local de instalação. E coloque os pertences pessoais longe do local, apenas por precaução.
- Se usar forca excessiva ao instalar o produto, a câmera pode ficar danificada devido a avariada. Forçar a montagem usando ferramentas incompatíveis pode danificar o produto.

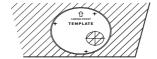
### Desmontando

1. Use o chave em L fornecida para afrouxar o parafuso de fixação da tampa da cúpula girando-o no sentido antihorário e retire a tampa da cúpula.



# Instalação

- 1. Junte o modelo de instalação com base na direção de monitoramento e faca um furo ajustado ao modelo.
  - Defina a marca < ↑ > impressa na câmera para apontar na direcão do monitoramento da câmera.

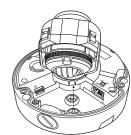


- 2. Insira a escora de plástico fornecida até ao fim.
- 3. Ajuste o furo inferior ao furo de fixação, insira e fixe o parafuso
- 4. Conecte e organize os cabos necessários para que não sejam danificados ou torcidos durante a instalação da câmera.
- 5. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 20)
- 6. Feche a tampa do dome.
  - Aperte firmemente o parafuso autorroscante usando uma chave em L para evitar um vazamento de água

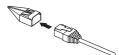


## Ligando o cabo LAN

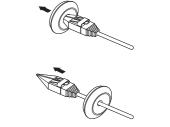
- 1. Remova a tampa do dome e a caixa.
- 2. Puxe a parte longa projetada do tampão de borracha na parte inferior e retire-o conforme apresentado na
- 3. Puxe a tampa de borracha sobre o furo para a retirar.



4. Use o instalador de tampa para permitir que o cabo RJ45 passe pelo furo.







Insira a rolha de borracha de novo e conecte o cabo LAN ao terminal Ethernet.



### Conectando ao adaptador não fornecido

Escolha e compre um dos seguintes opcionais necessários (não fornecidos) adequado ao site de instalação ou para sua conveniência.

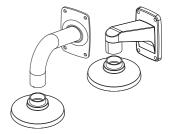
- 1. Remova a tampa do dome da caixa, consultando a seção "Desmontando". (Página 18)
- 2. Use o parafuso da máquina fornecido para fixar a caixa da câmera ao adaptador não fornecido.
- Conecte e organize os cabos necessários para que não sejam danificados ou torcidos durante a instalação da câmera.
- 4. Instale o corpo da câmera na ordem inversa de "Desmontando".
- Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 20)
- 6. Feche a tampa do dome.
  - Aperte firmemente o parafuso autorroscante usando uma chave em L para evitar um vazamento de água.

# Acessórios opcionais para instalação

Para uma instalação fácil, você pode adquirir os acessórios opcionais apropriados disponíveis.

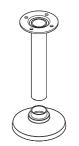
1. ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WM ou SBP-300WM1)/ADAPTADOR DE MONTAGEM (XND-L6080R/ L6080RV/L6080V: SBP-300HM8, XNV-L6080/L6080R: SBP-300HM6)

Este adaptador é usado ao instalar a câmera dome em uma parede.

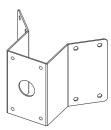


 ADAPTADOR DE MONTAGEM NO TETO (SBP-300CM)/ADAPTADOR DE MONTAGEM (XND-L6080R/L6080RV/L6080V: SBP-300HM8, XNV-L6080/L6080R: SBP-300HM6)

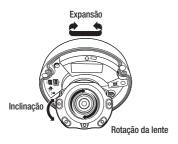
Este adaptador é usado ao instalar a câmera dome em um teto de concreto.



ADAPTADOR DE MONTAGEM EM CANTO (SBP-300KM)
 Este é um adaptador para a instalação do ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WM ou SBP-300WM1) em um canto de uma parede.



# Ajustando a direção de monitoramento da câmera (XND-L6080R/L6080RV/L6080V, XNV-L6080/L6080R)



### Ajustando a direção de monitoramento

Você pode ajustar a direção da câmera apenas quando a câmera estiver fixada no teto. Girar a unidade da câmera para a esquerda ou a direita é chamado de Expansão, ajustar a inclinação é chamado de Inclinação e girar as lentes em seu próprio eixo é chamado de Rotação.

- A faixa efetiva de expansão é um total de 354 graus.
- A faixa efetiva de rotação é um total de 355 graus.
- A faixa efetiva de inclinação é um total de 67 graus.



- A imagem pode ser tapada pela carcaça da câmera dependendo do ângulo.
- Não gire o foco/zoom da lente com demasiada força após a desmontagem da tampa do dome. Caso contrário, isso causará erro de foco devido a falha no motor.

### Métodos de ajuste

- 1. Ajuste o ângulo de Rotação depois de instalar a câmera, considerando a direção a ser monitorizada.
- 2. Defina o ângulo horizontal para que a imagem não seja revertida.
- 3. Ajuste o ângulo de inclinação para que a câmera fique voltada para o objeto de monitoramento.

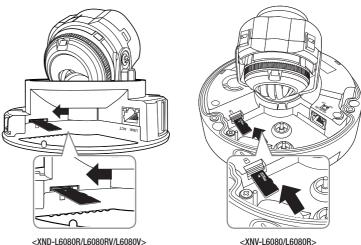
# INSERINDO/REMOVENDO UM CARTÃO DE MEMÓRIA MICRO SD

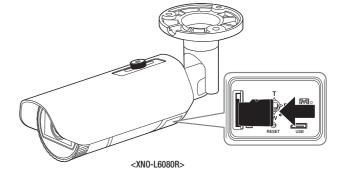


- Desconecte o cabo de alimentação da câmera antes de inserir o cartão de memória Micro SD.
- Não insira o cartão de memória Micro SD enquanto estiver virado para baixo com força. Caso contrário, isso pode danificar o cartão de memória Micro SD.
- Quando chove ou a umidade é alta, não é recomendada a inserção ou a ejeção de um cartão Micro SD.
- A desmontagem da tampa do produto fica terminada no prazo de 5 minutos, ou haverá o risco de condensação interna.

### Inserindo um cartão de memória Micro SD

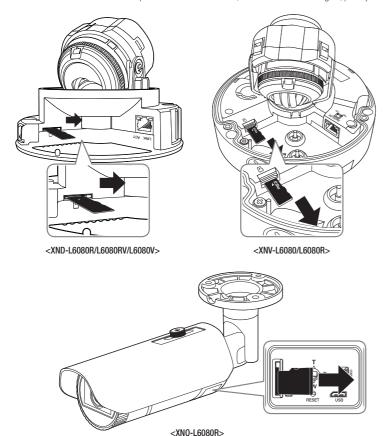
1. Insira um cartão Micro SD na direção da seta mostrada na figura.





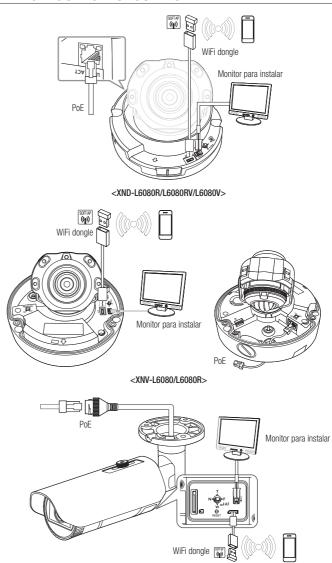
# Removendo um cartão de memória Micro SD

Pressione com cuidado a extremidade exposta do cartão de memória, conforme mostrado na figura, para ejetá-lo do slot.



- Tenha cuidado, pois o cartão de memória Micro SD pode saltar repentinamente se você o premir com força e liberar, o que irá fazer com que saia da câmera.
- Antes de remover o cartão de memória SD, em <a href="Armazenamento">Armazenamento</a>, defina o dispositivo para <a href="Desl.">Desl.</a> e pressione o botão [Aplicar] e desligue a câmera.
- Se desligar a câmera ou remover o micro cartão de memória SD que contém dados do produto, os dados podem se perder ou se danificar.

# CONECTANDO A OUTRO DISPOSITIVO



<XN0-L6080R>

# instalação e conexão



- O terminal CVBS de saída do produto é fornecido para instalação mais fácil e não é recomendado para finalidades de monitoramento.
- O terminal Micro USB de saída do produto é fornecido para instalação mais fácil e não é recomendado para finalidades de
- Este produto inclui uma parte anti-umidade adicional para evitar a condensação. Devido às características do produto, a condensação se pode formar quando a alimentação está ligada mas irá desaparecer após cerca de duas a três horas.

### Conexão Ethernet

Conecte o cabo Ethernet à rede local ou à Internet.

# Ligando a WiFi

### Configuração da Câmera

1. Ligue o adaptador OTG (5-pinos) e o dongle WiFi ao terminal Micro USB.

### Configuração de Smartphone

- 1. Instale o aplicativo Instalação Wisenet.
- 2. Selecione o SSID da câmera após ligar o WiFi.
- 3. Execute o aplicativo Instalação Wisenet.
- 4. Quando você acessa à câmera, o vídeo será ligado (senha inicial: 4321)
  - O vídeo será reproduzido sem estar logado durante a ligação inicial.
- 5. Você pode ajustar o ângulo de visualização vendo o vídeo através de seu smartphone.

### Fabricante de dongle recomendado

Fabricante	Modelo
NETIS	WF2123 n300
EDIMAX	EW-7811Un
IP Time	N1 00mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

# Alimentação e rede

Conecte o seu dispositivo PoE à câmera.



- Conecte a um conector PoE (Power over Ethernet) de um roteador com PoE habilitado
- Use equipamento PoE (Power over Ethernet) que suporte o padrão IEEE 802.3af.

# Especificação do Cabo de Rede

Item	Conteúdos	Comentário
Conector	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Cabo	Categoria 5e UTP	
Distância Máxima	100M	Resistência DC ≤ 0,188 Ω/m
Suporte PoE	IEEE 802.3af	

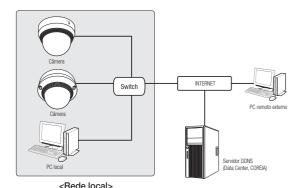
# conexão e configuração de rede

É possível ajustar as definições da rede de acordo com suas configurações de rede.

# CONECTANDO A CÂMERA DIRETAMENTE À REDE LOCAL

# Conectando a câmera a partir de um PC local na LAN

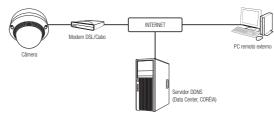
- 1. Inicie um navegador de Internet ao PC local.
- 2. Insira o endereço IP da câmera na barra de endereços do navegador.





- Um PC remoto em uma Internet externa fora da rede LAN talvez não consiga se conectar à câmera instalada na intranet se o encaminhamento de porta não estiver corretamente configurado ou se um firewall estiver configurado.
  Neste caso, para resolver o problema, entre em contato com o administrador de rede.
- No Device Manager, você pode usar a senha inicial "4321" para configurar o endereço IP, a máscara de sub-rede, o gateway, a porta HTTP, a porta VNP e o tipo de IP. Depois de mudar o interface de rede, para uma melhor segurança, acesse o visualizador web e mude a senha.
- Por padrão de fábrica, o endereço IP será atribuído a partir do servidor DHCP automaticamente.
   Se não houver servidor DHCP disponível, o endereço IP será configurado como 192.168.1.100.
   Para alterar o endereço IP, use o Device Manager.
   Para mais detalhes sobre o uso do Device Manager, consulte "Usar o Device Manager". (Página 25)

# CONECTANDO A CÂMERA DIRETAMENTE A UM DHCP COM BASE NO MODEM DSL/CABO

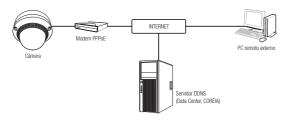


- 1. Conecte o PC do usuário diretamente à câmera de rede.
- Execute o Device Manager e altere o endereço IP da câmera, para que você possa usar o navegador de rede em sua área de trabalho para se conectar à internet.
- 3. Vá para a página [Configurar].
- 4. Vá para [Rede] [DDNS] e defina as configurações do DDNS.
- 5. Mova-se para [Basic] [IP & Porta] e defina o tipo de IP como [DHCP].
- 6. Conecte a câmera, que foi removida do PC, diretamente para o modem.
- 7. Reinicie a câmera.



- Para informação sobre como definir o DDNS, consulte a ajuda online do Visualizador Web.
- Para informação sobre como definir o formato de IP, consulte a ajuda online do Visualizador Web.

# CONECTANDO A CÂMERA DIRETAMENTE A UM MODEM PPPOE



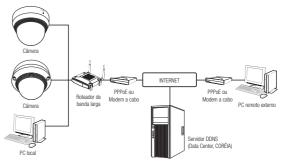
- 1. Conecte o PC do usuário diretamente à câmera de rede.
- 2. Execute o Device Manager e altere o endereco IP da câmera, para que você possa usar o navegador de rede em sua área de trabalho para se conectar à internet.
- 3. Vá para a página [Configurar].
- 4. Vá para [Rede] [DDNS] e defina as configurações do DDNS.
- 5. Mova-se para [Basic] [IP & Porta] e defina o tipo de IP como [PPPoE] e digite o ID e a senha do servico de rede.
- 6. Conecte a câmera, que foi removida do PC, diretamente para o modem.
- 7. Reinicie a câmera.



- Para informação sobre como definir o DDNS, consulte a ajuda online do Visualizador Web.
- Para informação sobre como definir o formato de IP, consulte a ajuda online do Visualizador Web.

# CONECTANDO A CÂMERA A UM ROTEADOR DE BANDA LARGA COM O MODEM PPPoE/CABO

Isso se aplica a um pequeno ambiente de rede, tal como casas, SOHO e lojas comuns.



# Definindo as configurações de rede do PC local conectado a um Roteador de banda larga

Ao definindo as configurações de rede do PC local conectado a um Roteador de banda larga, siga as instruções abaixo.

- Selectione: <Network> → <Properties> → <Local Area Connection> → <General> → <Properties> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> ou <Use the following IP address>.
- Siga as instruções abaixo, se selecionar < Usar o seguinte endereço IP>:

Por ex 1) Se o endereço (LAN IP) do Roteador de banda larga for 192.168.1.1

Endereco IP: 192.168.1.100 Máscara de sub-rede : 255.255.255.0 Gateway padrão: 192.168.1.1

Por ex 2) Se o endereço (LAN IP) do Roteador de banda larga for 192.168.0.1

Endereco IP: 192.168.0.100 Máscara de sub-rede : 255,255,255.0 Gateway padrão: 192.168.0.1

Por ex 3) Se o endereço (LAN IP) do Roteador de banda larga for 192.168.xxx.1

Endereço IP: 192.168.xxx.100 Máscara de sub-rede : 255.255.255.0 Gateway padrão: 192.168.xxx.1



- Para o endereco do Roteador de banda larga, consulte a documentação do produto.
- Para obter mais informações sobre o encaminhamento de porta do roteador de banda larga, consulte "Configuração do Avanço da Faixa da Porta (Mapeamento de Porta)". (Página 27)

## USAR O DEVICE MANAGER



- O programa Device Manager pode ser baixado no menu < Support> < Online Tool> do site da Hanwha Vision (https://www.HanwhaVision.com).
- Mais informações sobre o Device Manager podem ser encontradas no menu < Ajuda > da página inicial.

# PESQUISAR A CÂMERA AUTOMATICAMENTE

Se uma câmera estiver conectada à mesma rede do computador em que o Device Manager estiver instalado, você pode encontrar a câmera da rede usando a função de pesquisa.

- 1. Clique em < Search (Pesquisar)>, na página inicial do Device Manager.
- Encontre a câmera na lista.
  - Marque o endereço MAC no adesivo junto à câmera.

# CONFIGURAR O ENDEREÇO IP

Se você quiser alterar as configurações de rede da câmera, o aviso < Login OK> deve ser exibido em < Status>. Clique em < Authentication (Autenticação)>, na página inicial, para fazer o login.

### Configurar o IP estático

Insira e configure manualmente o endereço IP e as informações da porta.

- Na lista, clique na câmera para a qual você deseja alterar a configuracão de IP.
- Clique em <IP Assign (Atribuição de IP)>, na página inicial do Device Manager.
- Selecione < Assign the following IP address (Atribuir o seguinte endereço IP)>.
  - As informações do IP da câmera serão exibidas conforme definido anteriormente.
- 4. Preencha as categorias relativas a IP e porta.

#### Se não estiver usando um Roteador de banda larga

Peça o valor definido pelo gerenciador de rede para <IP Address (endereço IP)>, <Subnet Mask (máscara de sub-rede> e <gateway)>.

- HTTP Port : Usada para acessar a câmera usando o navegador da Internet, definida, por padrão, como 80.
- VNP Port : Usada para controlar a transferência de sinal, definida, por padrão, como 4520.
- RTSP Port : Uma porta que controla o streaming em tempo real. O valor inicial é 554.

### Se estiver usando um Roteador de banda larga

 IP Address: Insira um endereço que esteja no intervalo de IPs fornecido pelo Roteador de banda larga.
 Por ex) 192.168.1.2~254, 192.168.0.2~254,

192 168 XXX 2~254

- Subnet Mask: A <Subnet Mask> do Roteador de banda larga será a <Subnet Mask> da câmera.
- Gateway: O < Local IP Address> do Roteador de banda larga será o < Gateway> da câmera.





- As configurações podem ser diferentes dependendo do modelo do Roteador de banda larga conectado.
   Para obter mais informações, consulte o manual do usuário do roteador aplicável.
- Para obter mais informações sobre o encaminhamento de porta do roteador de banda larga, consulte "Configuração do Avanço da Faixa da Porta (Mapeamento de Porta)". (Página 27)

### Se o Roteador de banda larga tiver mais de uma câmera conectada

Defina as configurações relacionadas ao IP e as configurações relacionadas à porta de modo distinto entre si. Por ex)

Categoria		Câmera #1	Câmera #2	
Configurações relacionadas ao IP	IP Address Subnet Mask Gateway	192.168.1.100 255.255.255.0 192.168.1.1	192.168.1.101 255.255.255.0 192.168.1.1	
Configurações relacionadas à porta	HTTP Port VNP Port RTSP Port	8080 4520 554	8081 4521 555	



Apply Close

Se a <HTTP Port> estiver configurada para um valor que não seja 80, você terá que fornecer o número de <Port> na barra de endereço do navegador de Internet antes que possa acessar a câmera.

Por ex) http://IP address : HTTP Port http://192.168.1.100:8080

- 5. Clique no botão [Aplicar].
- 6. Se aparecer a mensagem de êxito, clique em [OK].

# Configurar o IP dinâmico

Obtenha o endereço IP no DHCP

- Exemplo do ambiente de IP dinâmico
- Se um Roteador de banda larga, com câmeras conectadas, estiver designado a um endereço IP pelo Servidor DHCP
- Se estiver conectando a câmera diretamente ao modem usando os protocolos DHCP
- Se os IPs estiverem designados ao servidor DHCP interno através da LAN
- Na lista, clique na câmera para a qual você deseja alterar a configuração de IP.
- Clique em <IP Assign (Atribuição de IP)>, na página inicial do Device Manager.
- Selecione < Obtain an IP address automatically (DHCP) (Obter um endereço IP automaticamente (DHCP))>.
- 4. Clique no botão [Apply (Aplicar)].
- 5. Se aparecer a mensagem de êxito, clique em [OK].



# REGISTRAR A CÂMERA MANUALMENTE

Se a câmera não for encontrada por meio da função de pesquisa, ela pode ser registrada remotamente, por meio do preenchimento manual das informações de IP, caso a câmera esteja conectada a uma rede externa.

- Clique em <Add Devices (Adicionar dispositivos)>

   <Manually Add Device (Adicionar dispositivos manualmente)>, na página inicial do Device Manager.
- 2. Defina o intervalo do endereço IP pesquisado.
- Selecione o < Model Name (nome do modelo) > da câmera que deseja registrar, e preencha as informações de porta HTTP, porta VNP, ID e senha.
- 4. Clique no botão [Register (Registrar)].
- 5. Confirme se a câmera está registrada.
  - Margue o endereco MAC no adesivo junto à câmera.



# CONFIGURAR IP AUTOMATICAMENTE

- Na lista, clique na câmera para a qual você deseja configurar automaticamente o IP.
- 2. Clique em < + >, na página inicial do Device Manager.
  - O menu Configuração do equipamento é exibido.
- No menu, clique em <Auto IP Configure (Configurar IP automático)>.
- 4. Clique no botão [Close (Fechar)].



# CONFIGURAÇÃO DO AVANÇO DA FAIXA DA PORTA (MAPEAMENTO DE PORTA)

Se você instalou um Roteador de banda larga com uma câmera conectada, será necessário configurar o avanço da faixa da porta no Roteador de banda larga para que um PC remoto possa acessar a câmera em seu interior.

# Avanço manual da faixa da porta

 A partir do menu Setup do Roteador de banda larga, selecione < Applications & Gaming> - < Port Range Forward>.

Para configurar o avanço da faixa da porta para um Roteador de banda larga de terceiros, consulte o guia do usuário desse Roteador de banda larga.

- Selecione <TCP> e <UDP Port> para cada câmera conectada ao Roteador de banda larga.
   O número de cada porta a ser configurada ao router de IP deve ser definida de acordo com o número de porta designado em <Configurar> <Basic> <IP & Porta> no visualizador da web da câmera.
- Quando concluído, clique em [Save Settings]. Suas configurações serão salvas.



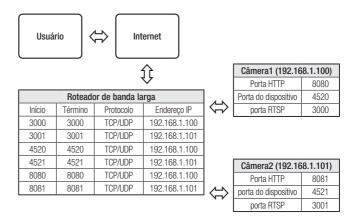


- A configuração de encaminhamento de porta é um exemplo de configuração do roteador de IP CISCO.
- As configurações podem ser diferentes dependendo do modelo do Roteador de banda larga conectado.
   Para obter mais informações, consulte o manual do usuário do roteador aplicável.

# Configurando o avanço da faixa da porta para várias câmeras de rede

- Você pode definir uma regra de encaminhamento de porta no Roteador de banda larga por meio da página de configuração do mesmo na Web.
- Um usuário pode alterar cada porta usando a tela de configuração da câmera.

Quando a Câmera1 e Câmera2 estiverem conectadas a um roteador :





 0 encaminhamento de porta pode ser feito sem configuração adicional do roteador caso o roteador ofereça suporte à função UPnP (Universal Pluo and Plav).

Após ligar a rede da câmera, selecione a caixa de seleção do menu **<Conexão rápida>** em **<DDNS>** em "**Configurações** -> **Rede** -> **DDNS**".

# CONECTANDO À CÂMERA A PARTIR DE UM PC LOCAL COMPARTILHADO

- Execute o Device Manager.
   Ele procurará pelas câmeras conectadas e exibirá uma lista delas.
- Clique duas vezes em uma câmera para acessá-la.
   O navegador da Internet inicia e se conecta à câmera.



Você também pode acessar a câmera de modo que você digita o endereço IP da câmera encontrada na barra de endereços do navegador da Internet.

# CONECTANDO À CÂMERA A PARTIR DE UM PC REMOTO POR MEIO DA INTERNET

Em um computador remoto fora do cluster de rede do roteador de banda larga, os usuários podem acessar câmeras com a rede do roteador de banda larga, por meio da URL de DDNS dinâmico da câmera.

- Antes de acessar uma câmera na rede do Roteador de banda larga, você deve ter configurado o avanço de faixa de porta para o Roteador de banda larga.
- 2. No PC remoto, ative o navegador da Internet e digite o endereço de URL DDNS da câmera ou o endereço IP do Roteador de banda larga na barra de endereço. Por ex) http://ddns.hanwha-security.com/ID



Para usar o DDNS, cadastre-se na página do DDNS (http://ddns.hanwha-security.com) e registre o produto em [Meu DDNS dinâmico]>[Registrar produto].

# CONECTANDO À CÂMERA

### Normalmente, você

- 1. Inicia o navegador da Internet.
- Digita o endereço IP da câmera na barra de endereço. Por ex) • Endereço IP (IPv4): 192.168.1.100 → http://192.168.1.100
  - A caixa de diálogo Login deverá aparecer.
  - Endereço IP (IPv6) : 2001:230:abcd: ffff:0000:0000:ffff:1111
  - → http://[2001:230:abcd:ffff:0000:0000:ffff:1111] A caixa de diálogo Login deverá aparecer.



### Se a porta HTTP for diferente de 80

- 1. Inicia o navegador da Internet.
- Digita o endereço IP e o número da porta HTTP da câmera na barra de endereço. Por ex) Endereço IP: 192.168.1.100:Número da porta HTTP(8080)
  - → http://192.168.1.100:8080 A caixa de diálogo Login deverá aparecer.

### Usando URL

- 1. Inicia o navegador da Internet.
- Digita o URL DDNS da câmera na barra de endereço. Por ex) Endereço URL: http://ddns.hanwha-security.com/ID
  - A caixa de diálogo Login deverá aparecer.



A conexão de rede é apenas desativada no ambiente LAN.

# Conectar via UPnP

- 1. Execute o cliente ou sistema operativo no suporte do protocolo UPnP.
- 2. Clique no nome da câmera para pesquisa.

No sistema operativo Windows, clique no nome da câmera pesquisado a partir do menu de rede.

- É exibida a janela de login.

# Conectar via Bonjour

- 1. Execute o cliente ou sistema operativo no suporte do protocolo Bonjour.
- 2. Clique no nome da câmera para pesquisa.

No sistema operativo Mac, clique no nome da câmera pesquisado a partir da aba Bonjour de Safari.

É exibida a janela de login.

## Para verificar o endereço DDNS

Se a câmera estiver conectada diretamente ao modem a cabo DHCP, modem DSL ou modem PPPoE, o endereço IP de sua rede será alterado sempre que você tentar se conectar ao servidor ISP (Provedor de servico de Internet).

Se esse for o caso, você não será informado do endereço IP alterado por DDNS.

Uma vez que você registrar um dispositivo baseado em IP dinâmico com o servidor DDNS, poderá facilmente verificar o IP alterado quando tentar acessar o dispositivo.

Para registrar o seu dispositivo no servidor <**DDNS**>, visite http://ddns.hanwha-security.com e registre o dispositivo primeiro; em seguida, configure <**Rede>** - <**DDNS>** do Visualizador da Web para <**DDNS>** e forneça o <**ID do produto>**usado no registro do DDNS.

# CONFIGURAÇÃO DE SENHA

Quando você acessar o produto pela primeira vez, você deve registrar o logon e senha.

Quando aparece a janela de "Alteração de senha", digite a nova



- Para uma nova senha com 8 a 9 dígitos, você deve usar pelo menos 3 dos seguintes: letras maiúsculas/minúsculas, números e caracteres especiais. Para uma senha com 10 a 15 dígitos, você deve usar pelo menos 2 tipos dos mencionados.
  - Caracteres especiais s\u00e30 permitidos. : ~\u00e7!@#\$\\u00b7^\*()\_-+=|\u00e3|\u00b7.?/
- Para maior segurança, não recomendamos repetir nas suas senhas os mesmos caracteres ou entradas consecutivas no
- Se perdeu a sua senha, pode pressionar o botão [RESET] para reinicializar o produto. Por isso, não perca sua senha, usando o um bloco notas ou memorizando-a

# LOGIN

Sempre que você acessar a câmera, a janela de logon é exibida. Insira o ID do usuário e a senha para acessar a câmera.

- 1. Digite "admin" na caixa de entrada < User name>. O ID do administrador, "admin", é fixo e não pode ser
- 2. Digite a senha no campo de entrada < Password>.
- 3. Clique em [OK] Se você efetuou login com sucesso, verá a tela do Visualizador ao vivo.



 Quando você acessa o visualizador da câmera web. preste atenção especial à segurança, verificando se os dados de imagem estão criptografados.



- Ao marcar a opcão "Remember my credentials" quando sua entrada for concluída, você será conectado automaticamente sem ser avisado para inserir as informações de login da próxima vez que conectar.
- Você experimentará a melhor qualidade de vídeo se o tamanho da tela estiver em 100%. A redução da proporção pode cortar a imagem nas margens.



The server 192.168.1.100 at iPolis requires a username and password

OK Cancel

# CONFIGURAÇÃO DO VISUALIZADOR WEB DA CÂMERA

- 1. Clique no ícone [Configuração ( 🏩 )].
- 2. A janela de Configurações é exibida.
- 3. É possível gerenciar as configurações da informação básica da câmera, PTZ, vídeo, rede, evento, análise, sistema e abrir plataforma através da rede.
- 4. Clique em < Ajuda ( ? )> para visualizar as descrições detalhadas de cada função.



# SOLUÇÃO DE PROBLEMAS

PROBLEMA	SOLUÇÃO	
Não é exibido nenhum vídeo ao acessar o visualizador web com plug- in gratuito no navegador Safari via HTTPS.	<ul> <li>Na janela pop-up de autenticação exibida quando acessa inicialmente a https, clique em "Ver Certificado de Autenticação" e selecione a caixa de seleção "Confiar sempre ao ligar ao IP do visualizador da web escolhido".</li> <li>Se o visualizador web continuar falhando ao exibir um vídeo depois de você selecionar "Seguinte" na janela de mensagem em baixo, pressione a tecla Command + Q para sair do navegador Safari, acesse de novo e siga os procedimentos referidos acima.</li> </ul>	
	Verifique se as configurações de rede da câmera são apropriadas.	
	Verifique se todos os cabos de rede foram conectados corretamente.	
Não consigo acessar a câmera de um navegador da Web.	Se foi conectada usando DHCP, verifique se a câmera consegue obter os endereços IP dinâmicos sem qualquer problema.	
	Se a câmera estiver conectada a um Roteador de banda larga, verifique se o encaminhamento da porta está corretamente configurado.	
	Os visualizadores conectados são desconectados após qualquer alteração na câmera ou nas configurações de rede.	
O visualizador foi desconectado	Verifique todas as conexões da rede.	
durante o monitoramento.	Se a câmera estiver conectada por uma rede PPPoE, o visualizador poderá ser desconectado sob condições precárias da rede.	
A câmera conectada à rede não é detectada no programa Device Manager.	Desative as configurações de firewall em seu PC e pesquise a câmera novamente.	
Sobreposição de imagens.	Verifique se duas ou mais câmeras estão configuradas para um único endereço de multicast em vez de diferentes endereços. Se um único endereço for usado para várias câmeras, as imagens poderão ficar sobrepostas.	
Nenhuma imagem é exibida.	Se o método de transmissão estiver configurado para multicast, verifique se há um roteador que ofereça suporte para multicast na rede local à qual a câmera está conectada.	

PROBLEMA	SOLUÇÃO
0 <detecção de="" movim.=""> do <análises> é definido como <atívar>, mas não me chega nenhuma notificação por e-mail, mesmo quando ocorreu um evento de análise.</atívar></análises></detecção>	<ul> <li>Verifique as configurações na seguinte seqüência:</li> <li>A. Verifique <data e="" horário="">.</data></li> <li>B. A <detecção de="" movim.=""> deve ser configurada para <ativar>.</ativar></detecção></li> <li>C. Verifique se a opção de <e-mail> do menu de <configuração de="" evento=""> está marcada como Usar.</configuração></e-mail></li> </ul>
Não é possível gravar no cartão de memória Micro SD.	Verifique se o cartão de memória está defeituoso.
O cartão de memória Micro SD está inserido, mas a câmera não está funcionando corretamente.	<ul> <li>Verifique se o cartão de memória está inserido na direção correta. A operação do cartão de memória formatado por outros dispositivos não é garantida com esta câmera.</li> <li>Formate o cartão de memória novamente pelo menu <configurar> → <evento> → <armazenamento>.</armazenamento></evento></configurar></li> </ul>
Uma ID registrada com o NAS.	Confirma se as informações registradas em NAS estão corretas.
Faz o relatório da falha de configuração de NAS.	Confirme que o endereço IP de NAS é válido. Confirme que o ID/senha do NAS é válido. Confirme que pode acessar à pasta designada como pasta básica usando a ID do dispositivo NAS. Confirme que os itens SMB/CIFS ide NAS não estão marcados. Confirme que o endereço IP de NAS e o endereço IP da câmera estão no mesmo formato. Exemplo) o valor inicial de NAS e da máscara de subrede da câmera é 255.255.255.0. Se o endereço IP for 192.168.20.32 então o endereço IP de NAS deve estar no intervalo entre 192.168.20.1~192.168.20.255. Verifique se tentou acessar como outros usuário sem formatar a pasta básica salva ou usada. Confirme que usou o equipamento NAS recomendado.

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If you want to obtain the complete Corresponding Source code in the physical medium such as CD-ROM, the cost of physically performing source distribution might be charged.

#### GPL SW

Component Name	License	URL
Base Kernel	GPL 2.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtd-utils
mii-diag-2.11	GPL 2.0	
rp-pppoe-3.11	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-2.5	GPL 2.0	
bash-4.3.30	GPL 3.0	
zeroconf	GPL 2.0	

#### LGPL SW

Component Name	License	URL
gLibc Inetutils neon-0.29.6	LGPL 2.0 LGPL 3.0 LGPL 2.0	http://www.webdav.org/neon/

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Version 2 June 1991

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- 5. The Source Code User and the System Developer shall be obligated to give a notice that the Source Code is used, in such a way as separately specified by T-Engine Forum, when they use the Source Code or the Binary Code, or make the Binary Code available for the End User on the Embedded Product.

#### Article 5. Distribution of Modified Source Code

- 1. Any of A- members of T-Engine Forum may become the Distributor of Modification by obtaining the approval of T-Engine Forum through the registration procedure as prescribed by the Forum provided that only the department of the A- member which has taken the registration procedure may distribute the Modified Source Code in such a way as provided for in this Article as long as it holds the Amembership.
- 2. The Distributor of Modification may create the Modified Source Code based on the Source Code provided by T-Engine Forum and the Patch for Modification to be applied to create such Modified Source Code from the Source Code.
- 3. The Distributor of Modification shall, prior to the distribution, inform T-Engine Forum of and register a name and description of the Modified Source Code in such a way as specified by T-Engine Forum.
- 4. The Distributor of Modification shall determine the name of the Modified Source Code subject to the rules separately established by T-Engine Forum and publish an appropriate notice as required by the rules on the Patch for Modification and the Modified Source Code.
- 5. The Distributor of Modification may distribute the Modified Source Code to a third party, whether with or without payment, provided that the Distributor of Modification shall take the necessary measures to prohibit the third party from making the re-Distribution of the Modified Source Code.
- 6. Developer with the Patch for Modification. Provided, however, that the Distributor of Modification shall be obligated to confirm that the System Developer is the Source Code User duly licensed under Article 4.1.
- 7. The Distributor of Modification may perform the Vicarious Execution of Patch Processing for the System Developer.
- 8. The System Developer shall not distribute the Modified Source Code in further modified form to any third party as a stand-alone software product.
- 9. The System Developer may, under the same obligation as imposed in Article 4.5, make the Embedded Product available for the End User through use of the Patch for Modification distributed by the Distributor of Modification or the Derivative Works obtained through the Vicarious Execution of Patch Processing.

#### Article 6. Distribution and Registration of the Ported Source Code

1. The Source Code User and the System Developer may, whether with or without charge, distribute to any third party only the following parts of the Ported

Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware:

- The Hardware-dependent Part and/or Compiler-dependent Part; provided that the Source Code User and the System Developer shall inform T-Engine Forum
  of, and T-Engine Forum may publish, a method for distributing said Part(s) to third parties.
- 2. The Header File: provided that the Header File shall be distributed together with the Binary Code of the Ported Source Code.
- 2. Any member of T-Engine Forum may request T-Engine Forum to register and distribute, as an original source code for T-Kernel, the Ported Source Code on the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
- 3. Any member of T-Engine Forum who requests the distribution mentioned in the preceding paragraph shall accede to the following conditions:
- 1. The member shall confirm that the object hardware is the T-Engine Hardware or the Similar Hardware to T-Engine Hardware.
- The member shall provide T-Engine Forum with a complete set of operational environment for the object hardware and T-Kernel free of charge when requesting the distribution.
- 3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.
- 4. In the event that T-Engine Forum accepts the request mentioned in Article 6.2, T-Engine Forum shall register and distribute the Ported Source Code as the Source Code for T-Kernel. Provided, however, that the Ported Source Code may be treated in the same way as the Modified Source Code until the time of registration hereunder.
- 5. The provision set forth in Article 3 shall apply to the Ported Source Code registered in accordance with this Article.

#### Article 7. Use for Other Purpose

1. Any use of the Source Code, the Modified Source Code or the Ported Source Code other than those stipulated in Articles 4, 5 and 6 shall be subject to the prior approval of T-Engine Forum.

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lperf performance test

Mark Gates

Ajay Tirumala

Jim Ferguson

Jon Dugan Feng Qin

crig Giri

Kevin Gibbs

John Estabrook

National Laboratory for Applied Network Research

National Center for Supercomputing Applications

University of Illinois at Urbana-Champaign

http://www.ncsa.uiuc.edu

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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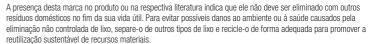
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