

WISeNeT

CÂMARA DE REDE

Manual do usuário

QND-6010R/6020R/6030R

QNO-6010R/6020R/6030R

QNV-6010R/6020R/6030R



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 eletricitista 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.
13. Desligue este leitor da tomada durante tempestades com raios ou quando não for utilizá-lo por um longo período.
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. Este produto se destina a ser alimentado por uma Unidade de Alimentação de Energia Listada referenciada como "Classe 2" ou "LPS" e classificada a partir de 12 Vcc, 0.56 A.



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 RISCO DE CHOQUE ELÉTRICO NÃO ABRA	
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 equilátero 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 equilátero 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.

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

Risco de explosão se a bateria for substituída por um tipo incorreto de bateria. Descarte as baterias usadas de acordo com as instruções.

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.

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 sol, 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.

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ESPECIFICAÇÕES RECOMENDADAS PARA PC

- CPU : Intel(R) Core(TM) i7 3,4 GHz ou superior
- SO suportado : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11
- **Visualizador da web com plug-in gratuito**
Navegadores suportados : Google Chrome 47, MS Edge 20
- **Visualizador da web com plug-in**
Navegadores suportados : MS Explorer 11, Mozilla Firefox 43, Apple Safari 9 ※ Apenas suportado em Mac OS X.
- VGA : Placa gráfica de vídeo PCIe 256MB GDDR3 ou superior

ESPECIFICAÇÕES DE CARTÃO DE MEMÓRIA MICRO SD/SDHC/SDXC

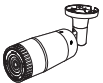
- Capacidade recomendada : 4GB ~ 128GB (uhs-1 class)
- Para sua câmera, recomendamos que você utilize um cartão de memória dos seguintes fabricantes:
Cartão de memória Micro SD/SDHC/SDXC : Sandisk, Transcend

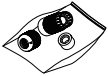
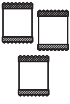
ESPECIFICAÇÕES RECOMENDADAS POR NAS

- Capacidade recomendada : É recomendado 200 GB ou superior.
- Para esta câmera, é recomendado o uso de um NAS com as seguintes especificações do fabricante.
Produtos recomendados : QNAP NAS, Synology NAS

ITENS FORNECIDOS

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.)

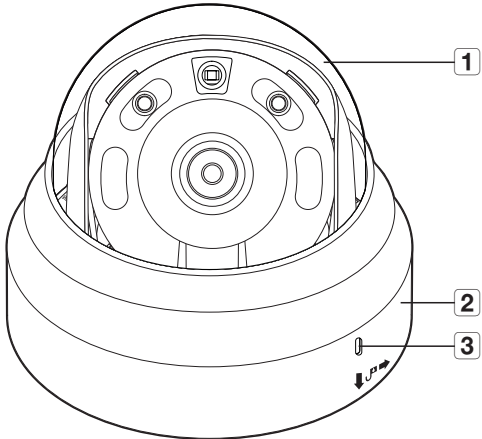
Aparência	Nome do item	Quantidade	Descrição	Nome do modelo
	Câmera	1		QND-6010R/6020R/ 6030R
		1		QNO-6010R/6020R/ 6030R
		1		QNV-6010R/6020R/ 6030R
	Guia de consulta rápida (Opcional)	1		QND-6010R/6020R/ 6030R, QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Gabarito	1	Guia de instalação do produto	QND-6010R/6020R/ 6030R, QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Bloco Terminal de Alimentação	1	Conectado no cabo de alimentação	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Parafusos da máquina	2	Usados para montar a caixa da cúpula ao instalar o produto no tubo, montagem em parede, etc. ou bloquear um orifício.	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R

Aparência	Nome do item	Quantidade	Descrição	Nome do modelo
	Chave inglesa L	1	Usado para controlar a direção da câmera / Usado para remover e recolocar a tampa do dome	QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Macho de tarracha	2	Usadas para instalação em parede ou teto	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
		3		QNO-6010R/6020R/ 6030R
	Cabo de alarme	1	Usado quando conectado a um alarme	QND-6010R/6020R/ 6030R
	Acessório impermeável RJ45	1	Usado em instalações em locais úmidos	QNO-6010R/6020R/ 6030R
	Protetor solar	1	Protege a câmera da luz direta do sol.	QNO-6010R/6020R/ 6030R
	Suporte do protetor solar	1	Fixa o protetor solar à câmera.	QNO-6010R/6020R/ 6030R
	Absorvente de umidade tipo cartão	3	Acoplado quando é feita a instalação.	QNO-6010R/6020R/ 6030R
		1		QNV-6010R/6020R/ 6030R

Aparência	Nome do item	Quantidade	Descrição	Nome do modelo
	Cabo de Alimentação	1	Usado para conectar na tomada elétrica	QNV-6010R/6020R/6030R
	Cabo de Áudio/Alarme	1	Usado para conectar na tomada de áudio e alarme	QNV-6010R/6020R/6030R
	Bucha do cabo	1	Usada para conectar o cabo LAN com um diâmetro de Ø7~8,5.	QNV-6010R/6020R/6030R
	Bucha de plástico	2	Para fixar um parafuso, inserido em um orifício (força de fixação reforçada)	QNV-6010R/6020R/6030R
Opções (não incluídas)				
	Suporte de montagem no cabo		Suporte de montagem no cabo cilíndrico	QNO-6010R/6020R/6030R

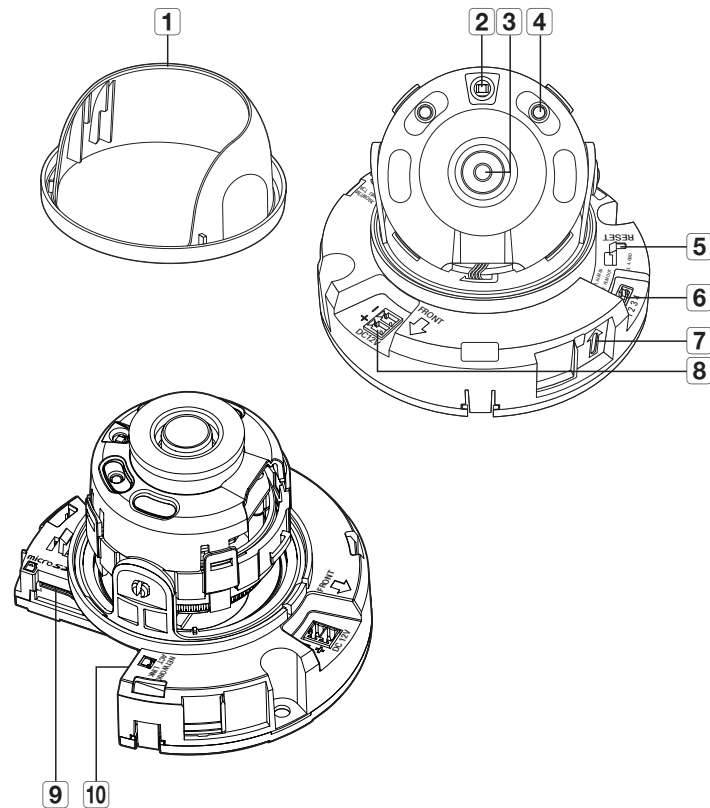
INFORMAÇÕES RESUMIDAS (QND-6010R/6020R/6030R)

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.
3 Entrada de microfone	Microfone incorporado.

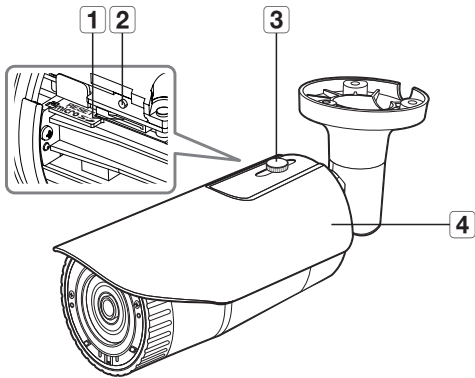
Componentes



Item	Descrição	
1	Cobertura interior	Cobertura protetora para o corpo principal.
2	Sensor de iluminação	Detecta a luz de entrada para controlar o LED de IV.
3	Lente	Lentes da câmera.
4	LED de IV	Esses LEDs de infravermelho são controlados pelo sensor de iluminação.
5	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.
6	Porta de E/S de alarme	ARM-IN Usado para conectar o sensor de entrada do alarme ou o sensor externo de dia/noite.
		ARM-OUT Usada para conectar o sinal de saída de alarme.
		GND Estas são as portas comuns para conectar sinais de entrada/saída de alarme.
7	Entrada de microfone	Microfone incorporado.
8	Porta de alimentação	Tomada para o bloco terminal de alimentação.
9	Compartimento para cartões de memória Micro SD	Compartimento para cartões de memória Micro SD.
10	Porta de rede	Utilizado para conectar o cabo PoE ou Ethernet para conexão de rede.

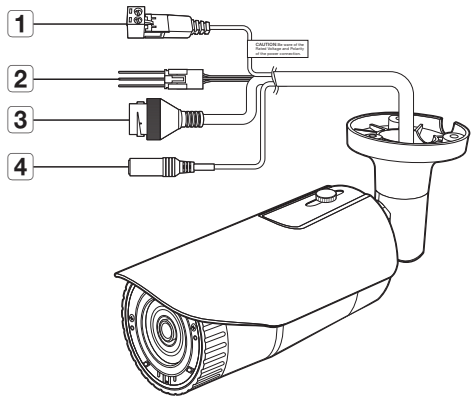
INFORMAÇÕES RESUMIDAS (QNO-6010R/6020R/6030R)

Aparência



Item	Descrição
1 Ranhura para cartão Micro SD	(Espaço interno do produto) Esta é uma ranhura na qual você pode inserir um cartão Micro SD.
2 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.
3 Suporte do protetor solar	Fixa o protetor solar à câmera.
4 Protetor solar	Protege a câmera da luz direta do sol.

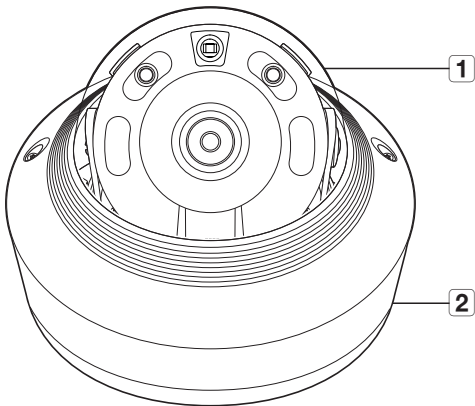
Componentes



Item	Descrição	
1 Porta de alimentação	Usada para conectar o cabo de alimentação.	
2 Porta de E/S de alarme	ARM-OUT	Usada para conectar o sinal de saída de alarme.
	GND	Estas são as portas comuns para conectar sinais de entrada/saída de alarme.
	ARM-IN	Usado para conectar o sensor de entrada do alarme ou o sensor externo de dia/noite.
3 Porta de rede	Utilizado para conectar o cabo PoE ou Ethernet para conexão de rede.	
4 Conector de entrada de áudio	Usado para conectar-se a um microfone.	

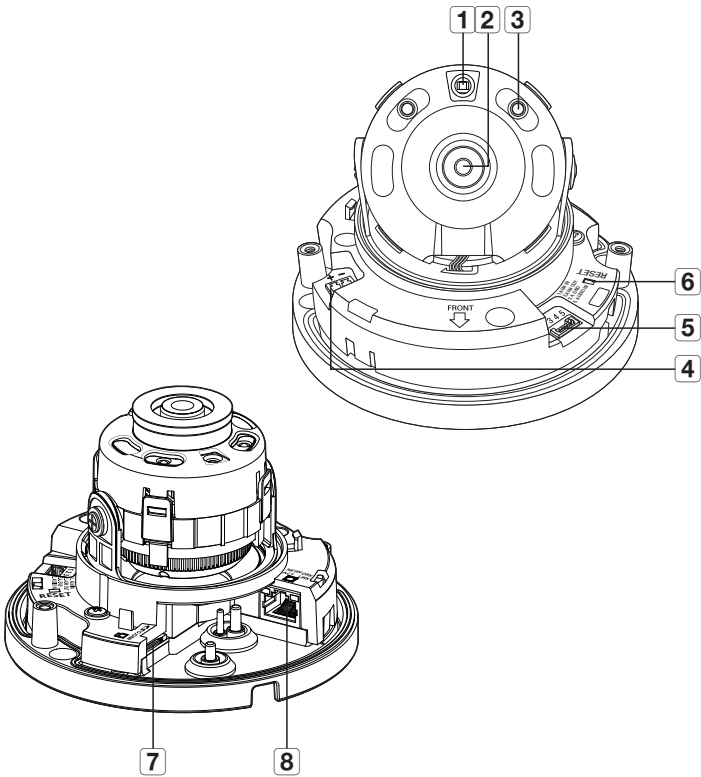
INFORMAÇÕES RESUMIDAS (QNV-6010R/6020R/6030R)

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
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 Porta de alimentação	Tomada para o bloco terminal de alimentação.
5 Tomada do cabo de áudio e alarme	Terminal no qual o cabo de áudio e de alarme estão conectados para se conectarem com um dispositivo de alarme/microfone externo.
6 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.
7 Compartimento para cartões de memória Micro SD	Compartimento para cartões de memória Micro SD.
8 Porta de rede	Utilizado para conectar o cabo PoE ou Ethernet para conexão de rede.

INSTALAÇÃO (QND-6010R/6020R/6030R)

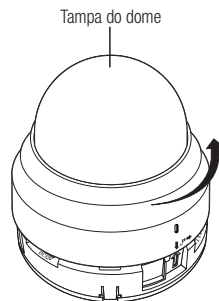
Precauções antes da instalação

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

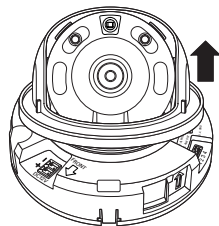
- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmera incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de segurança, mantenha outras pessoas longe do local de instalação. E coloque os pertences pessoais longe do local, apenas por precaução.

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.

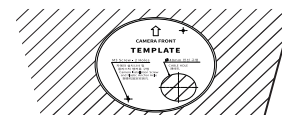


2. Levante a tampa interna para a separar.

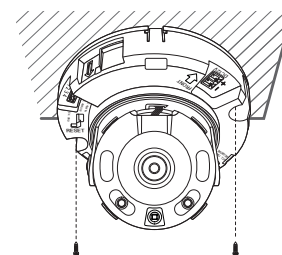


Instalação

1. Fixe o modelo de instalação na área selecionada e perfure 3 orifícios conforme apresentado na figura.



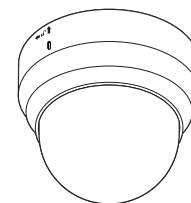
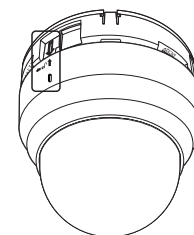
2. Usando os 2 parafusos autorroscantes fornecidos, fixe a câmera em 2 dos furos feitos com o modelo.
 - Defina a marca < ↑ > impressa na câmera para apontar na direção do monitoramento da câmera.
3. Conecte o terminal interno da câmera ao cabo correspondente.
4. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 17)



- ! ▪ Recomendamos que não toque na lente, uma vez que a lente da câmera foi adequadamente focada no processo final de fabricação. 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.

- ! ▪ Para montar a tampa da campânula, faça coincidir as setas e pressione firmemente a tampa. Se a tampa da cúpula for rodada durante a montagem ou for montada incorretamente, pode ocorrer a reflexão difusa ou a seção das lentes pode rodar, o que vai fazer com que o alcance do disparo se altere.
- 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 (QNO-6010R/6020R/6030R)



- Esta câmara 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.

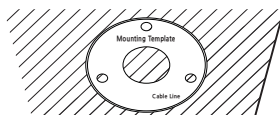
Precauções antes da instalação

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

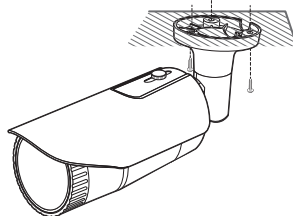
- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmara incluindo o suporte de instalação.
- Cabos presos ou desencapados podem causar danos ao produto ou um incêndio.
- Por motivos de segurança, mantenha outras pessoas longe do local de instalação. E coloque os pertences pessoais longe do local, apenas por precaução.

Instalação

- Coloque o modelo de instalação no local pretendido e faça 3 furos do mesmo tamanho como mostra a imagem abaixo.



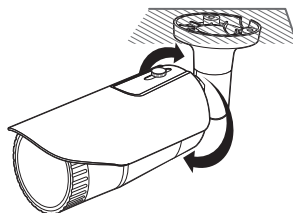
- Insira e aperte 3 parafusos roscantes fornecidos nos 3 furos para fixar a câmara.
- Conecte os cabos adequados com os terminais da câmara.



- Ajuste a direção da câmara com a chave em L fornecida.

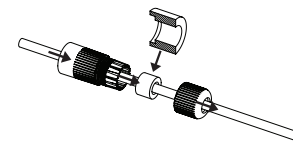


- Quando você ajustar a posição da câmara usando um suporte, por favor, afrouxe o parafuso do suporte, ajuste a câmara, e aperte-o. Se tentar ajustá-lo à força, estando o parafuso apertado, pode riscar ou causar outros problemas.

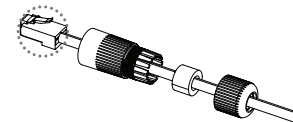


Como conectar o cabo impermeável RJ45 a um cabo de LAN

- Insira-o, seguindo a direção da seta.



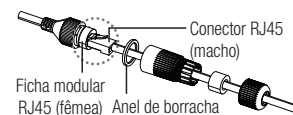
- Conecte o conector de LAN (macho) ao cabo.



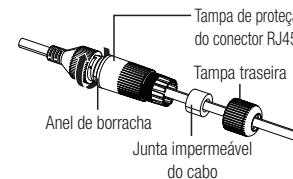
- Conecte a ficha modular RJ45 (fêmea) ao conector RJ45 (macho).



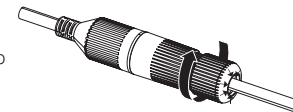
- Por favor, mantenha cada uma das partes separadas.



- Monte girando a ficha modular RJ45 (fêmea) e a tampa de proteção 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.



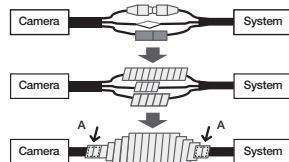
Instalação no exterior

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 a alimentação, I/O, AUDIO e os cabos LAN.
2. Envolve 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 esteja 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 (QNV-6010R/6020R/6030R)



- Esta câmara 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.

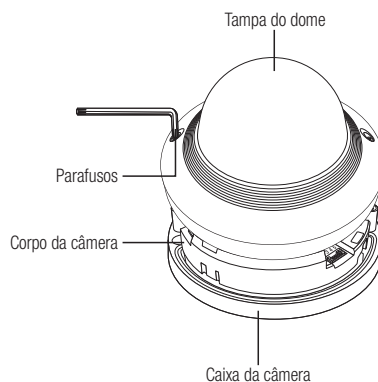
Precauções antes da instalação

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

- Deve ser instalada em área (teto ou parede) que possa suportar 5 vezes o peso da câmara 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.

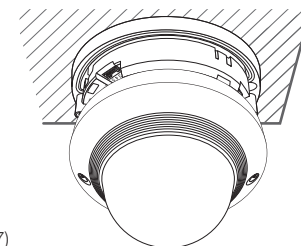
Desmontando

1. Usando a chave em L fornecida, rode os 2 parafusos autorroscantes na tampa no sentido anti-horário para retirar a tampa.



Instalação

1. Usando o modelo fornecido como acessório, faça o furo do parafuso de instalação (diâmetro de 6mm, profundidade mínima de 55 mm) e insira firmemente a âncora plástica fornecida como acessório para o efeito.
2. Ajuste o orifício inferior ao orifício da bucha e insira e aperte o parafuso de tarraxa (M4.5xL50).
3. Conecte e organize os cabos necessários para que não sejam danificados ou torcidos durante a instalação da câmara.
4. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmara". (Página 17)
5. Feche a tampa do dome.
 - Aperte firmemente o parafuso autorroscante usando uma chave em L para evitar um vazamento de água.

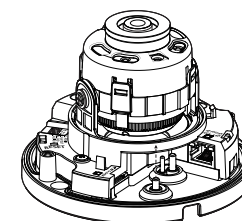


Ligando o cabo LAN

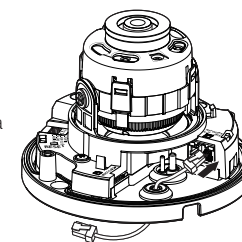
1. Remova a tampa do dome e a caixa.
2. Puxe a parte longa projetada do tampão de borracha na parte inferior e retire-o conforme apresentado na figura.



- Use uma bucha de cabo apropriada para o cabo LAN a conectar.
 - Câmera: use o cabo com um diâmetro de Ø5~6,5.
 - Componentes fornecidos: use o cabo com um diâmetro de Ø7~8,5.

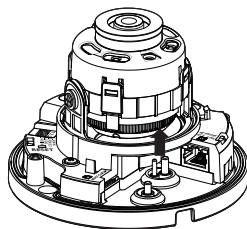


3. Introduza o cabo LAN (rede local) no orifício maior feito pela remoção da parte projetada do tampão de borracha na etapa 2 acima, e coloque o cabo ao longo da ranhura.
4. Remova a bainha com um cortador de cabos, e alinhe os cabos.
5. Conecte o cabo LAN com um conector LAN e introduza-o na ferramenta LAN.
6. Conecte o cabo acabado porta de Ethernet.

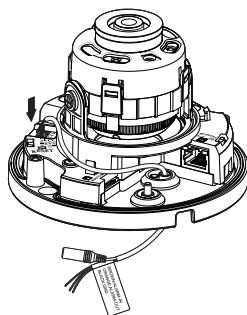


Ligando o cabo de áudio/alarme e o cabo de alimentação elétrica

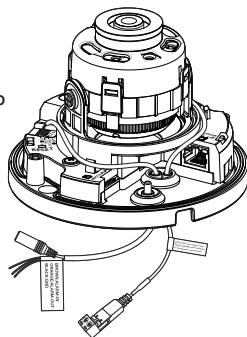
1. Remova a tampa do dome e a caixa.
2. Puxe a parte longa projetada do tampão de borracha na parte inferior e retire-o conforme apresentado na figura.



3. Insira o cabo de alarme/áudio através do orifício criado ao remover a tampa de borracha no N.º 2, e conecte o cabo ao terminal de alarme.
4. Alinhe o cabo de forma a não ficar danificado ou obstruído ao instalar a câmera.
5. Coloque a tampa de borracha localizada no cabo de alarme/áudio no orifício.



6. Insira o cabo alimentação elétrica no pequeno furo através da ranhura longa, entalhada.
7. Ligue o cabo de alimentação elétrica ao bloco de terminais de potência.
8. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 17)
9. Fixe a tampa do dome.



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 15)
2. Use o parafuso da máquina fornecido para fixar a caixa da câmera ao adaptador não fornecido.
3. 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**".
5. Ajuste a lente em uma direção desejada consultando a seção "**Ajustando a direção de monitoramento da câmera**". (Página 17)
6. Feche a tampa do dome.
 - Aperte firmemente o parafuso autorroscante usando uma chave em L para evitar um vazamento de água.

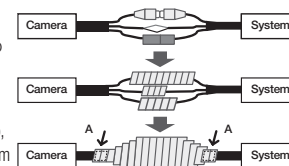
Instalação no exterior

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 a alimentação, I/O, BNC e os cabos LAN.
2. Envolve 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 esteja sobreposta.



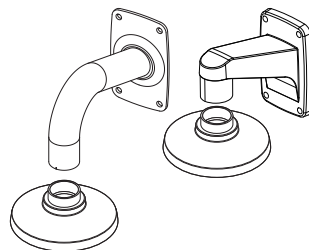
- Se o invólucro do cabo não se encontrar adequadamente impermeabilizado, pode diretamente provocar vazamento. Certifique-se de proteger o cabo com uma densa camada de tape.
- A tape de borracha butílica é fabricada a partir de borracha de butilo que pode ser esticada até ao dobro de seu comprimento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



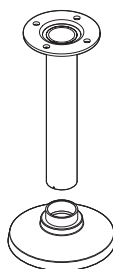
Acessórios opcionais para instalação

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

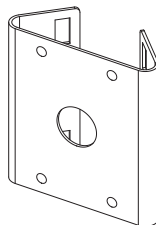
1. ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WM ou SBP-300WM1)/ADAPTADOR DE MONTAGEM (QND-6010R/6030R : SBP-300HM8, QND-6020R : SBP-300HM7) Este adaptador é usado ao instalar a câmera dome em uma parede.



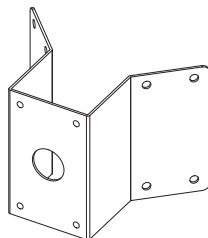
2. ADAPTADOR DE MONTAGEM NO TETO (SBP-300CM)/ADAPTADOR DE MONTAGEM (QND-6010R/6030R : SBP-300HM8, QND-6020R : SBP-300HM7) Este adaptador é usado ao instalar a câmera dome em um teto de concreto.



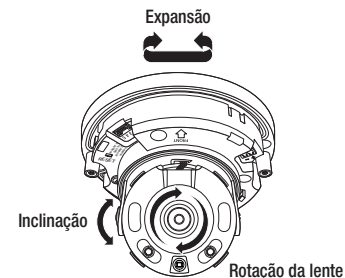
3. ADAPTADOR DE MONTAGEM EM POSTE (SBP-300PM) Este é um adaptador para a instalação do ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WM ou SBP-300WM1) em um poste cujo diâmetro seja maior que 80mm.



4. 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 (QND-6010R/6020R/6030R, QNV-6010R/6020R/6030R)



▪ 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 350 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

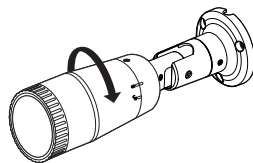
1. Depois de instalar a câmera, ajuste o ângulo de expansão considerando a direção de monitoramento.
2. Defina o ângulo horizontal para que a imagem não seja revertida.
3. Ajuste o ângulo de inclinação para que a câmera fique voltada para o objeto de monitoramento.

INSERINDO/REMOVENDO UM CARTÃO DE MEMÓRIA MICRO SD

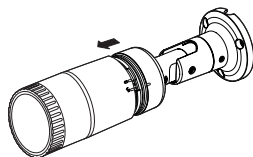
- Desconecte o cabo de alimentação da câmera antes de inserir o cartão de memória Micro SD.
- Não insira o cartão de memória Micro SD enquanto estiver virado para baixo com força. Caso contrário, isso pode danificar o cartão de memória Micro SD.
- Quando chove ou a umidade é alta, não é recomendada a 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 (QNO-6010R/6020R/6030R)

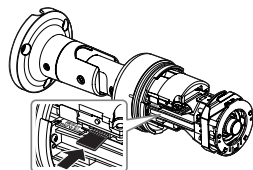
1. Rode a tampa dianteira para DESBLOQUEAR [↺] a direção.



2. Puxe e separe a tampa frontal.

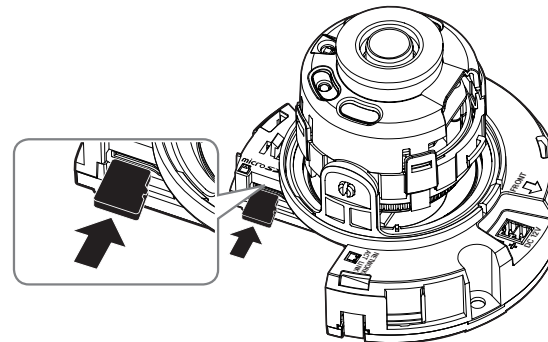


3. Insira um cartão Micro SD na direção da seta mostrada na figura.

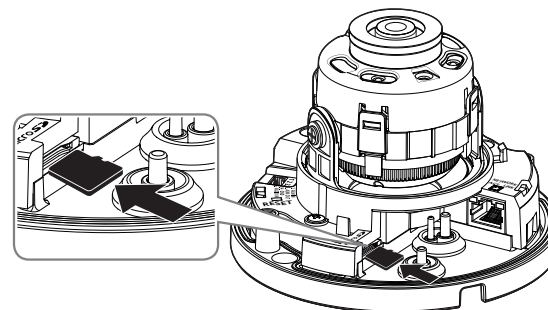


Inserindo um cartão de memória Micro SD (QND-6010R/6020R/6030R, QNV-6010R/6020R/6030R)

1. Separe a tampa da campânula da câmera.
2. Insira um cartão Micro SD na direção da seta mostrada na figura.



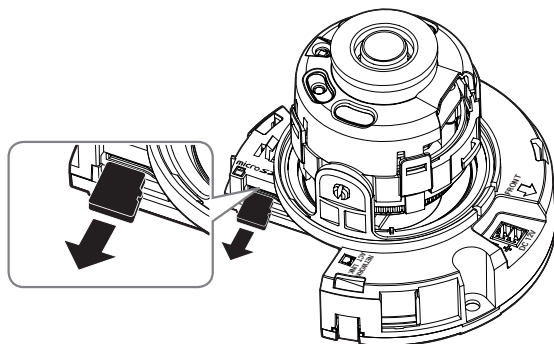
<QND-6010R/6020R/6030R>



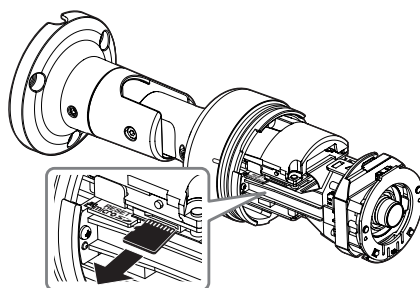
<QNV-6010R/6020R/6030R>

Removendo um cartão de memória Micro SD

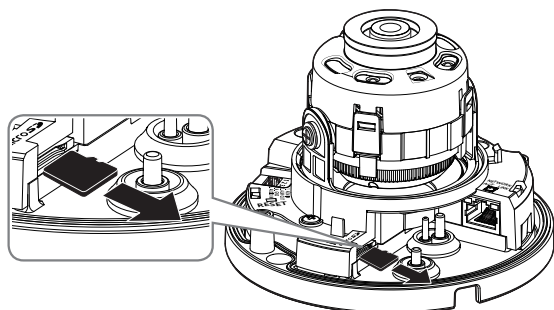
Pressione com cuidado a extremidade exposta do cartão de memória, conforme mostrado na figura, para ejetá-lo do slot.



<QND-6010R/6020R/6030R>



<QNO-6010R/6020R/6030R>



<QNV-6010R/6020R/6030R>



- Pressionar o micro cartão de memória SD com muita força e soltar de repente pode fazer com que ele seja lançado para fora do slot de maneira incontrolável.
- Antes de remover seu cartão de memória Micro SD, desligue a câmera ou vá até <Armazenamento>, desligue o dispositivo e pressione o botão [Aplicar (Aplicar)].
- 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.

INFORMAÇÕES SOBRE O CARTÃO DE MEMÓRIA (NÃO INCLUSO)

O que é um cartão de memória?

O cartão de memória é um dispositivo de armazenamento de dados externo que foi desenvolvido para oferecer uma maneira completamente nova de gravar e compartilhar dados de vídeo, áudio e texto utilizando dispositivos digitais.

Selecionando um cartão de memória adequado para você

Sua câmera oferece suporte a cartões de memória Micro SD/SDHC/SDXC.

Você pode, no entanto, ter problemas de compatibilidade dependendo do modelo e da marca do cartão de memória.

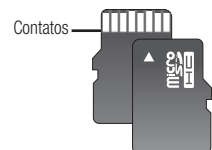
Para sua câmera, recomendamos que você utilize um cartão de memória dos seguintes fabricantes:

Cartão de memória Micro SD/SDHC/SDXC : Sandisk, Transcend

É recomendado usar um cartão de memória de 4 a 128 Gb (classe uhs-1).

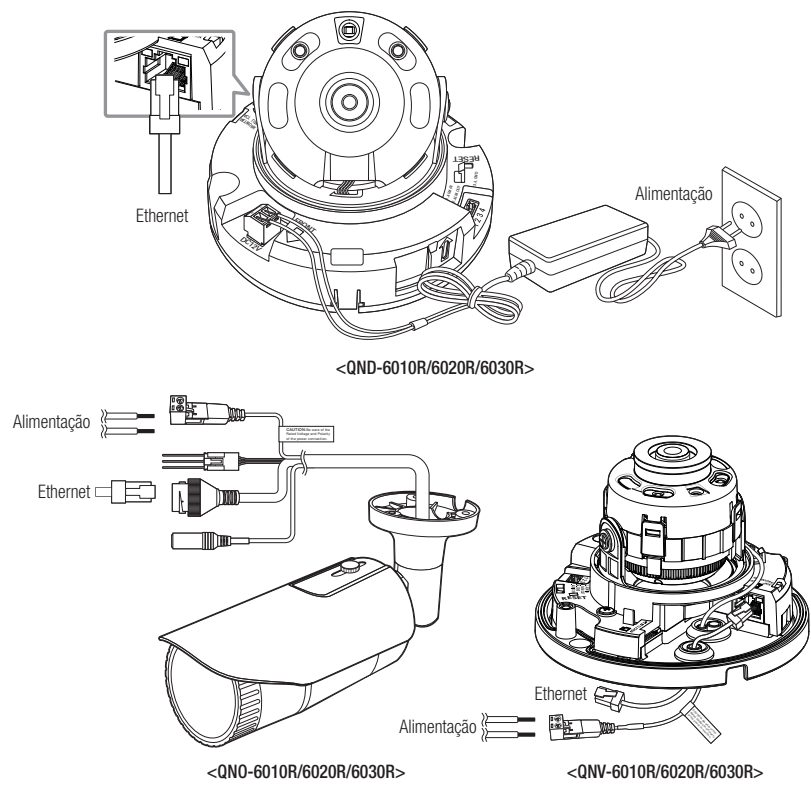
O desempenho de reprodução pode ser afetado dependendo da velocidade do cartão de memória, portanto, utilize um cartão de memória de alta velocidade.

Componentes do cartão de memória



Micro SD/SDHC/SDXC

CONECTANDO A OUTRO DISPOSITIVO



Conexão Ethernet

Conecte o cabo Ethernet à rede local ou à Internet.

Fonte de alimentação

Use a chave de fenda para conectar cada linha (+, -) do cabo de alimentação à porta de alimentação correspondente da câmera.

- Se PoE e CC 12V forem utilizados simultaneamente, este produto será alimentado com energia PoE.
 - Também é possível usar um roteador que tenha PoE para fornecer energia à câmera.
 - Use um PoE compatível com os protocolos IEEE 802.3af.
 - Recomenda-se utilizar apenas uma fonte de alimentação de PoE e CC 12V.
- Tenha cuidado para não inverter a polaridade quando conectar o cabo de alimentação.
- Se você quiser conectar um dispositivo externo, precisará desativar o dispositivo externo antes de continuar.

Especificação do Cabo de Alimentação para Cada Modelo

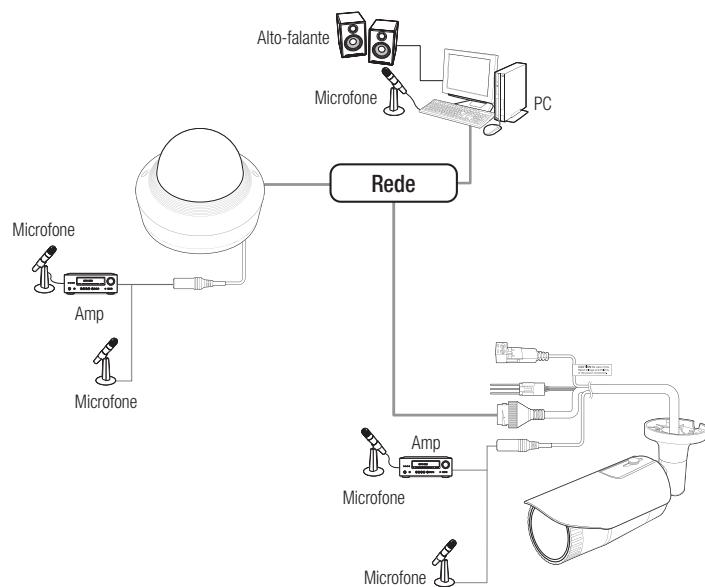
Em caso de Entrada de CC 12V:

Tipo de Fio (AWG)	#22	#20	#18
Comprimento do Cabo (Max.)	24m	38m	60m

Especificação do Cabo de Rede

Item	Conteúdos	Comentário
Conector	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Cabo	Categoria 5e UTP	
Distância Máxima	100M	
Suporte PoE	IEEE 802.3af	

Conectando à entrada de áudio



1. Conecte a porta AUDIO IN da câmera ao microfone ou a porta LINE OUT do amplificador ao qual o microfone está conectado.

■ Você pode usar o microfone interno da câmera sem conectar um microfone externo.
(Apenas disponível em QND-6010R/6020R/6030R)

2. Verifique as especificações para a entrada de áudio.

• Codec de áudio

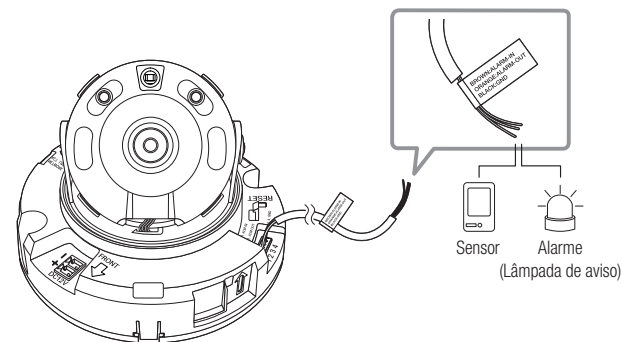
- Entrada de Áudio: G.711 PCM (Taxa de Bits: 64kbps / Frequência de amostragem: 8kHz), G.726 ADPCM (Taxa de Bits: 16kbps, 24kbps, 32kbps, 40kbps / Frequência de amostragem: 8kHz)

• Áudio full duplex

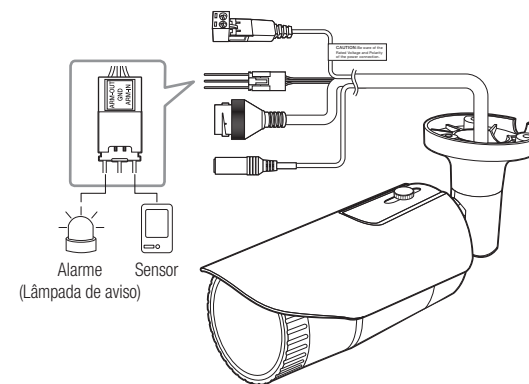
- **Entrada de áudio (QND-6010R/6020R/6030R)** : Seleccionável (Microfone interno), Tensão suportada: 2,5VCC (4mA), Impedância de entrada: 2K Ohm
- **Entrada de áudio (QNO-6010R/6020R/6030R, QNV-6010R/6020R/6030R)** : Seleccionável (microfone/ Linha de entrada), Tensão suportada: 2,5VCC (4mA), Impedância de entrada: 2K Ohm

Conectando à caixa da porta de E/S

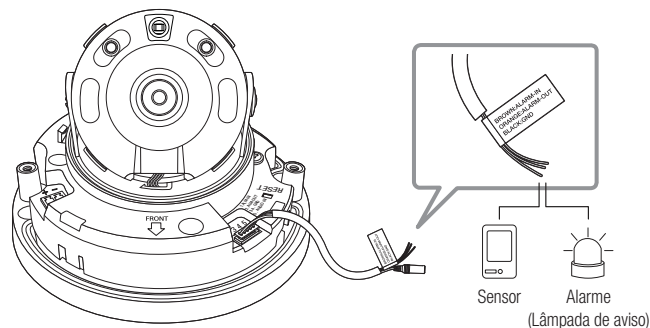
Conecte o cabo de Alarme I/O à porta correspondente da caixa de portas.



<QND-6010R/6020R/6030R>



<QNO-6010R/6020R/6030R>



<QNV-6010R/6020R/6030R>

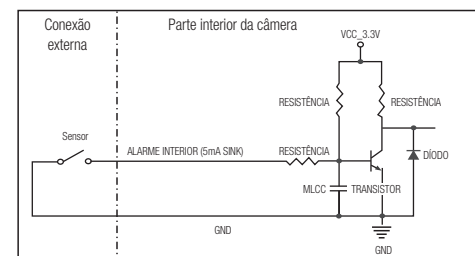
- ALARM-IN : Usado para conectar o sensor de entrada do alarme ou o sensor externo de dia/noite.
- ALARM-OUT : Usada para conectar o sinal de saída de alarme.
- GND : Porta comum para entrada de alarme/saída de sinal.

! Se existirem dispositivos (por exemplo, luz intermitente e sirene) que excedem a tensão e as especificações de corrente conectados usando o método de coletor aberto, pode provocar uma avaria. Consulte o "Diagrama Elétrico de Alarme Desligado" ao conectar dispositivos que excedam as especificações de tensão e corrente. (Página 22)

Para conectar o sensor externo

Conecte uma trança de cada linha de sinal (duas tranças) dos sensores à porta [ALARM IN] e conecte a outra trança à porta [GND].

Diagrama Elétrico de Alarme Ligado

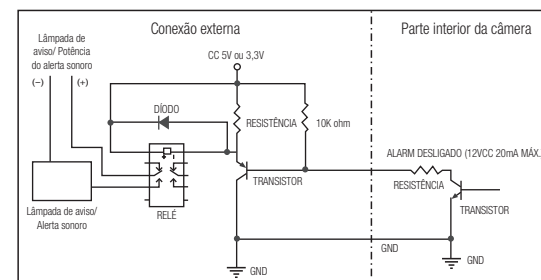


Para conectar o alarme no exterior

Se existirem dispositivos (por exemplo, luz intermitente e sirene) que excedem a tensão e as especificações de corrente conectados usando o método de coletor aberto, pode provocar uma avaria.

Consulte o diagrama de conexão do alarme abaixo quando conectar dispositivos que excedem as especificações de tensão e corrente.

Diagrama Elétrico de Alarme Desligado

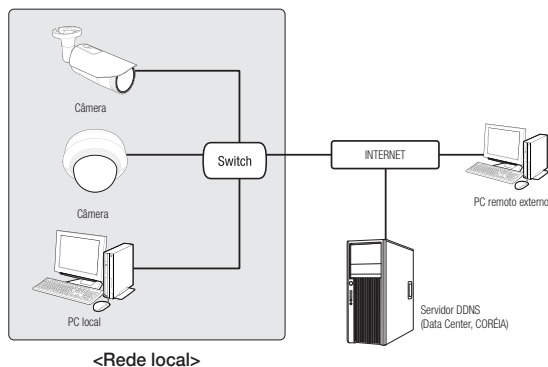


É possível ajustar as definições da rede de acordo com suas configurações de rede.

CONECTANDO A CÂMERA DIRETAMENTE À REDE LOCAL

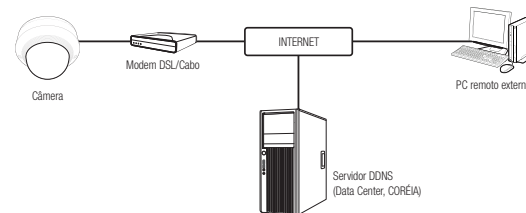
Conectando a câmera a partir de um PC local na LAN

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.
- 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)

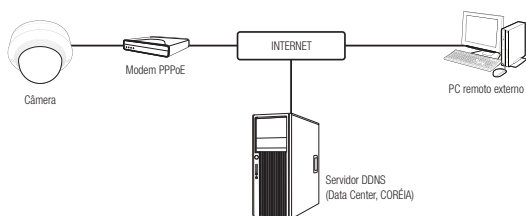
CONECTANDO A CÂMERA DIRETAMENTE A UM DHCP COM BASE NO MODEM DSL/CABO



1. Conecte o PC do usuário diretamente à câmera de rede.
2. 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. Use o navegador da Internet para conectar-se ao visualizador da web.
4. Vá para a página [Configurar].
5. Vá para [Rede] – [DDNS] e defina as configurações do DDNS.
6. Mova-se para [Basic] – [IP & Porta] e defina o tipo de IP como [DHCP].
7. Conecte a câmera, que foi removida do PC, diretamente para o modem.
8. 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

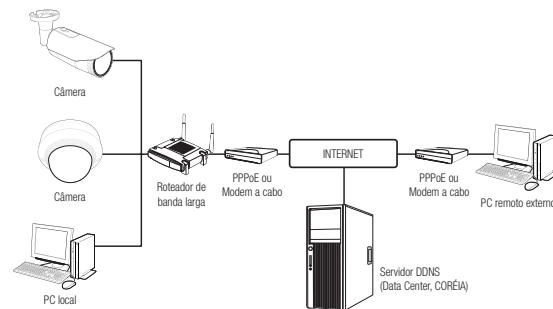


1. Conecte o PC do usuário diretamente à câmera de rede.
2. Execute o Device Manager e altere o endereço IP da câmera, para que você possa usar o navegador de rede em sua área de trabalho para se conectar à internet.
3. Use o navegador da Internet para conectar-se ao visualizador da web.
4. Vá para a página **[Configurar]**.
5. Vá para **[Rede]** – **[DDNS]** e defina as configurações do DDNS.
6. Mova-se para **[Basic]** – **[IP & Porta]** e defina o tipo de IP como **[PPPoE]** e digite o ID e a senha do serviço de rede.
7. Conecte a câmera, que foi removida do PC, diretamente para o modem.
8. 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.

- Selecione : **<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
 - Endereço 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
 - Endereço 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 endereço 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 <Technical Guides> – <Online Tool> do site da Hanwha Techwin (<http://www.hanwha-security.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.
2. 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.

1. Na lista, clique na câmera para a qual você deseja alterar a configuração de IP.
2. Clique em <IP Assign (Atribuição de IP)>, na página inicial do Device Manager.
3. 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.
- 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	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Configurações relacionadas à porta	HTTP Port	8080	8081
	RTSP Port	554	555

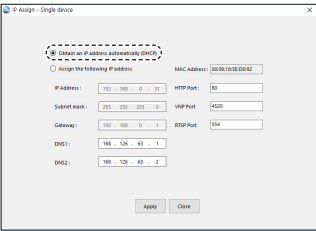
- Se a <HTTP Port> estiver configurada para um valor que não seja 80, você terá que fornecer o número de <Port> na barra de endereço do navegador de Internet antes que possa acessar a câmera.
Por ex) <http://IP address : HTTP Port>
<http://192.168.1.100:8080>
5. Clique no botão [Aplicar].
 6. Se aparecer a mensagem de êxito, clique em [OK].

Configurar o IP dinâmico

Obtenha o endereço IP no DHCP

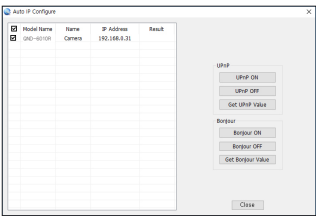
- Exemplo do ambiente de IP dinâmico
 - Se um Roteador de banda larga, com câmeras conectadas, estiver designado a um endereço IP pelo Servidor DHCP
 - Se estiver conectando a câmera diretamente ao modem usando os protocolos DHCP
 - Se os IPs estiverem designados ao servidor DHCP interno através da LAN

- 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))>.
- Clique no botão [Apply (Aplicar)].
- Se aparecer a mensagem de êxito, clique em [OK].



CONFIGURAR IP AUTOMATICAMENTE

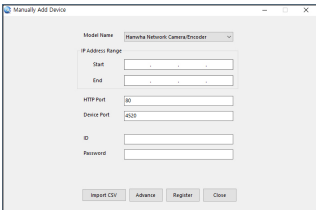
- Na lista, clique na câmera para a qual você deseja configurar automaticamente o IP.
- Clique em < + >, na página inicial do Device Manager.
 - O menu Configuração do equipamento é exibido.
- No menu, clique em <Auto IP Configure (Configurar IP automático)>.
- Clique no botão [Close (Fechar)].



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.
- 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, ID e senha.
- Clique no botão [Register (Registrar)].
- Confirme se a câmera está registrada.
 - Marque o endereço MAC no adesivo junto à câmera.

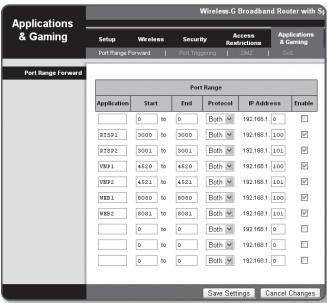


CONFIGURAÇÃO DO AVANÇO DA FAIXA DA PORTA (MAPEAMENTO DE PORTA)

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

- 1. 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.
- 2. 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.
- 3. Quando concluído, clique em [Save Settings]. Suas configurações serão salvas.

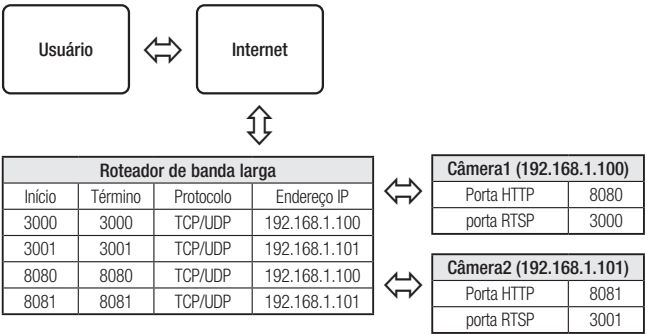


- A configuração de encaminhamento de porta é um exemplo de configuração do roteador de IP CISCO.
- As configurações podem ser diferentes dependendo do modelo do Roteador de banda larga conectado. Para obter mais informações, consulte o manual do usuário do roteador aplicável.

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 :



- O encaminhamento de porta pode ser feito sem configuração adicional do roteador caso o roteador ofereça suporte à função UPnP (Universal Plug and Play). Após ligar a rede da câmera, selecione a caixa de seleção do menu <Conexão rápida> em <Wisenet DDNS> em "Configurações -> Rede -> DDNS".

CONECTANDO À CÂMERA A PARTIR DE UM PC LOCAL COMPARTILHADO

1. Execute o Device Manager.
Ele procurará pelas câmeras conectadas e exibirá uma lista delas.
2. 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.

1. 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>

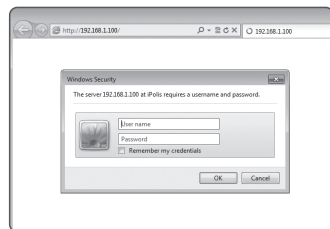


- Para usar o DDNS dinâmico Wisenet, cadastre-se na página do DDNS dinâmico Wisenet (<http://ddns.hanwha-security.com>) e registre o produto em **[Meu DDNS dinâmico]>[Registrar produto]**.

CONECTANDO À CÂMERA

Normalmente, você

1. Inicia o navegador da Internet.
2. 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.
2. 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.
2. 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 serviço 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.

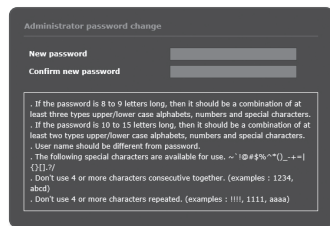
Para registrar o seu dispositivo no servidor <DDNS>, visite <http://ddns.hanwha-security.com> e registre o dispositivo primeiro; em seguida, configure <Rede> - <DDNS> do Visualizador da Web para <Wisenet DDNS> e forneça o <ID do produto> usado no registro do DDNS.

CONFIGURAÇÃO DE SENHA

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



- 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 são permitidos: ~!@#\$%^&*()_+=|{}[].?/
- Para maior segurança, não recomendamos repetir nas suas senhas os mesmos caracteres ou entradas consecutivas no teclado.
- 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.

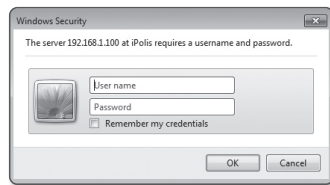
1. Digite “**admin**” na caixa de entrada <**User name**>. O ID do administrador, “**admin**”, é fixo e não pode ser alterado.
2. Digite a senha no campo de entrada <**Password**>.
3. Clique em **[OK]**.
Se você efetuou login com sucesso, verá a tela do Visualizador ao vivo.



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



- Ao marcar a opção “**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.



CONFIGURAÇÃO DA VISUALIZAÇÃO ON-LINE DA CÂMERA

1. Clique no ícone **[Configuração (⚙️)]**.
2. A janela de Configurações é exibida.
3. Você pode configurar as definições das informações básicas, vídeo, áudio, rede, evento, análise e sistema da câmera através da rede.
4. Clique em <**Ajuda (🔍)**> para visualizar as descrições detalhadas de cada função.

SOLUÇÃO DE PROBLEMAS

PROBLEMA	SOLUÇÃO
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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
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iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-diag-2.11	GPL 2.0	
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Component Name	License	URL
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It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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on January 23, 2004
revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

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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](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).



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(Aplicável na União Europeia e em outros países europeus com sistemas de coleta seletiva.)

A presença desta marca no produto ou na respectiva literatura indica que ele não deve ser eliminado com outros resíduos domésticos no fim da sua vida útil. Para evitar possíveis danos ao ambiente ou à saúde causados pela eliminação não controlada de lixo, separe-o de outros tipos de lixo e recicle-o de forma adequada para promover a reutilização sustentável de recursos materiais.

Os usuários domésticos devem entrar em contato com o comerciante do qual adquiriram este produto, ou com o órgão governamental local, para obter detalhes e explicações sobre como garantir que este produto seja reciclado de modo seguro.

Os usuários comerciais devem entrar em contato com os respectivos fornecedores e verificar os termos e condições do contrato de compra. O produto não pode ser misturado a outros lixos comerciais para eliminação.



Eliminação correcta das baterias existentes neste produto

(Aplicável na União Europeia e noutros países europeus com sistemas de recolha de baterias separados.)

Esta marca, apresentada na bateria, manual ou embalagem, indica que as baterias existentes neste produto não devem ser eliminadas juntamente com os resíduos domésticos indiferenciados no final do seu período de vida útil. Onde existentes, os símbolos químicos Hg, Cd ou Pb indicam que a bateria contém mercúrio, cádmio ou chumbo acima dos níveis de referência indicados na Directiva CE 2006/66. Se as baterias não forem correctamente eliminadas, estas substâncias poderão ser prejudiciais para a saúde humana ou para o meio ambiente. Para proteger os recursos naturais e promover a reutilização dos materiais, separe as baterias dos outros tipos de resíduos e recicle-as através do sistema gratuito de recolha local de baterias.

