

WISeNeT

CÂMARA DE REDE

Manual do usuário

XNV-6080RS/XNV-8080RS/XNV-6120RS



Câmara de rede

Manual do usuário

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Marca comercial

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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 é concebido para ser fornecido por uma Unidade de Fonte de Energia Listada marcada como "Classe 2" ou "LPS" e classificado de 24 Vac (50/60 Hz) 1,1 A ou 12 Vdc, 1,0 A. (XNV-6080RS/XNV-8080RS/XNV-6120RS)
16. 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.
17. 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.
18. Ao instalar o produto, tenha cuidado para não permitir que a superfície do produto seja manchada com alguma substância química. Alguns solventes químicos tais como purificadores ou adesivos podem causar danos na superfície do produto.
19. 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.
20. 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 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.

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 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.

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RECURSOS DO PRODUTO

- Material: aço inoxidável**
O exterior da câmera é feito de aço inoxidável, o qual pode ser instalado em vários ambientes especiais devido às suas propriedades anticorrosivas e fácil manuseamento.
- À prova de pó/À prova d'água**
O formato à prova de poeira/água protege o produto da chuva e da poeira quando é instalado no exterior.
- Modo IV**
Se o indicador de IV acender, o produto mudará para o modo de IV para impedir que um motivo fique muito claro, o que o ajuda a identificar o motivo em uma curta distância.
- Suporta vídeos com resolução de 2 megapixel (XNV-6080RS/XNV-6120RS)**
- Suporta vídeos com resolução de 5 megapixel (XNV-8080RS)**
- Fluxo contínuo múltiplo**
Esta câmera de rede pode exibir vídeos em diferentes resoluções e qualidades simultaneamente com diferentes CODECs.
- Monitoramento baseado em navegador da Web**
Usando o navegador da Web para exibir a imagem em um ambiente de rede local.
- Alarm**
Quando ocorre um evento, o vídeo é enviado para o endereço de e-mail registrado pelo usuário, enviado para o servidor FTP, salvo em um micro cartão SD ou NAS, ou é enviado um sinal para o terminal de saída de alerta.
- Deteção de violação**
Detecta tentativas de violação do monitoramento de vídeo.
- Função de deteção de desfocagem**
Detecta o fenômeno de desfocagem da lente da câmera.
- Deteção de movimento**
Detecta movimento a partir da entrada de vídeo da câmera.
- Deteção de áudio**
Detecta sons mais altos que um determinado nível especificado pelo usuário.
- Smart codec**
Aplica codecs de maneira adaptativa em algumas partes do campo de visão da câmera para aprimorar a qualidade de tal área especificada pelo usuário.
- Deteção automática da rede desconectada**
Detecta a desconexão da rede antes de acionar um evento.
- Deteção de nevoeiro**
Detecta nevoeiro que seja mais pesado do que o nível de deteção.
- Deteção de rosto**
Detecta rostos na área especificada a partir da entrada de vídeo da câmera.
- Função IVA (Intelligent Video Analysis - Análise de Vídeo Inteligente)**
Detecta um movimento ou situação que atenda as regras do evento configurado.

- Classificação da fonte sonora**
Detecta uma fonte de som especificada pelo usuário.
- Conformidade com ONVIF**
Este produto suporta o Perfil S&G ONVIF.
Para obter mais informações, consulte www.onvif.org.



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 da web com plug-in gratuito**
Navegadores suportados : Google Chrome, MS Edge, Mozilla Firefox (Apenas Windows 64-bit), Apple Safari (Apenas Mac OS X)
 - Visualizador da web com plug-in**
Navegadores suportados : MS Explore, Apple Safari (Apenas Mac OS X)
- ※ Consulte o anexo para informações detalhadas sobre a versão do sistema operacional e navegador.

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.

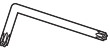
Produtos recomendados	Tamanhos disponíveis
QNAP NAS	Um máximo de 16 câmeras podem acessar simultaneamente.
NAS Synology	Um máximo de 16 câmeras podem acessar simultaneamente.



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

ITENS FORNECIDOS

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.)

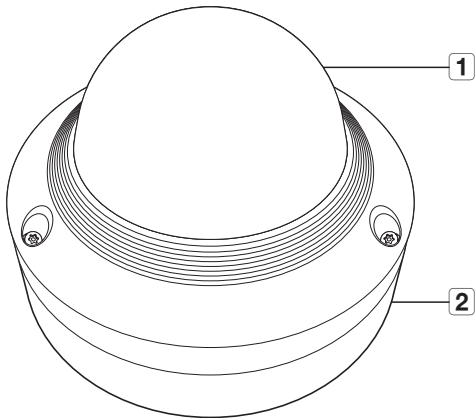
Aparência	Nome do item	Quantidade	Descrição
	Câmera	1	
	Guia de consulta rápida (Opcional)	1	
	Cartão de garantia (Opcional)	1	
	Cabo do monitor de teste	1	Usado para testar a conexão da câmera a um dispositivo de exibição portátil
	Placa do suporte	1	Guia de instalação do produto
	Bloco Terminal de Alimentação	1	Conectado no cabo de alimentação
	Macho de tarracha	4	Usadas para instalação em parede ou teto
	Chave em forma de estrela	1	Usado para remover e recolocar a tampa do dome

Aparência	Nome do item	Quantidade	Descrição
	Cabo de Alimentação	1	Usado para conectar na tomada elétrica
	Cabo de Áudio/Alarme	1	Usado para conectar na tomada de áudio e alarme
	Bucha do cabo	1	Buchas comuns para todos os cabos
	Bucha de plástico	4	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.
	Absorvente de umidade tipo cartão	1	Acoplado quando é feita a instalação.
	Instalador de tampa	1	Usado ao conectar o cabo RJ45

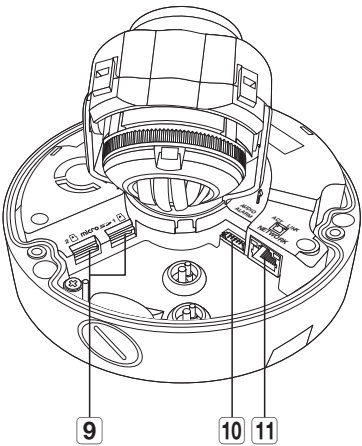
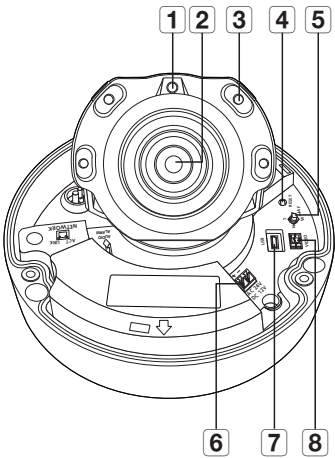
INFORMAÇÕES RESUMIDAS (XNV-6080RS/XNV-8080RS)

Componentes

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.



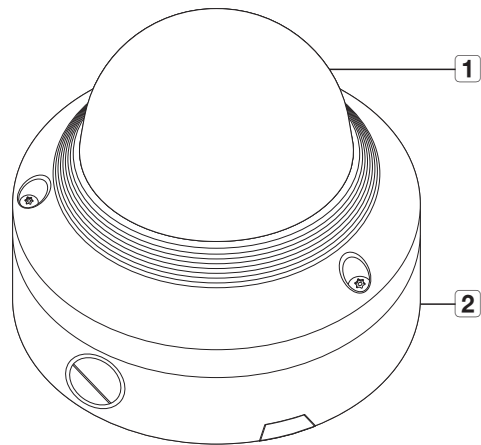
Item	Descrição	
1 Sensor de iluminação	Detecta a luz de entrada para controlar o LED de IV.	
2 Lente	Lentes da câmera.	
3 LED de IV	Esses LEDs de infravermelho são controlados pelo sensor de iluminação.	
4 Botão Reset	O botão restaura todas as configurações da câmera com os valores padrão de fábrica. 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.	
5 Botão de controle de Zoom/ Focagem	T	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.
6 Porta de alimentação	Tomada para o bloco terminal de alimentação.	
7 Porta MICRO USB	Porta para conectar o dongle Wi-Fi. Você pode assistir ao vídeo de instalação através dos aplicativos instalados no smartphone. Consulte "Ligação ao dongle Wi-Fi" na página 16. ■ O dongle Wi-Fi e o adaptador OTG são vendidos separadamente.	
8 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.	
9 Compartimento para cartões de memória Micro SD	Compartimento para cartões de memória Micro SD.	

Item	Descrição	
10 Tomada do cabo de áudio e alarme	Porta para conectar áudio e cabos 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.
	MIC	Usado para conectar-se a um microfone.
11 Porta de rede	SPEAKER	Usado para conectar-se aos alto-falantes.
	Utilizado para conectar o cabo PoE ou Ethernet para conexão de rede.	

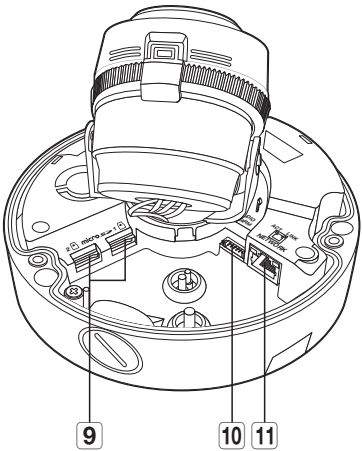
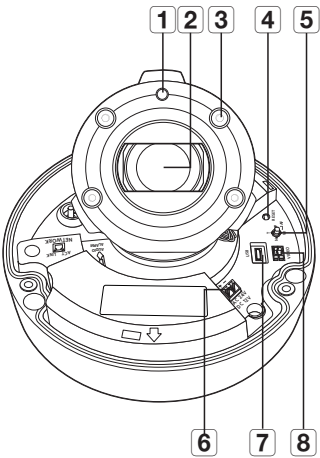
INFORMAÇÕES RESUMIDAS (XNV-6120RS)

Componentes

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.



Item	Descrição	
1 Sensor de iluminação	Detecta a luz de entrada para controlar o LED de IV.	
2 Lente	Lentes da câmera.	
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6 Porta de alimentação	Tomada para o bloco terminal de alimentação.	
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8 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.	
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Item	Descrição	
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	MIC	Usado para conectar-se a um microfone.
11 Porta de rede	SPEAKER	Usado para conectar-se aos alto-falantes.
	Utilizado para conectar o cabo PoE ou Ethernet para conexão de rede.	

INSTALAÇÃO

- ! 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.

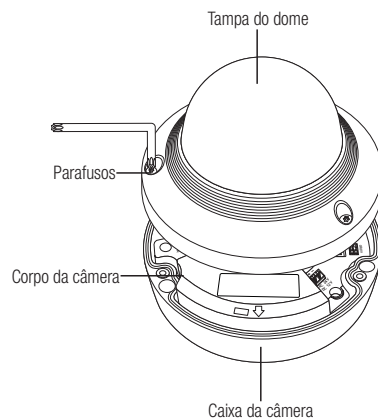
Precauções antes da instalação

Certifique-se de ler as seguintes instruções antes de instalar a 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.

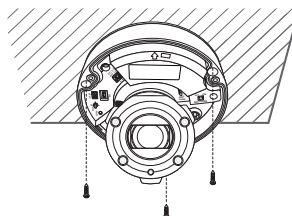
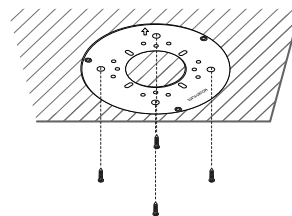
Desmontando

1. Use a chave em forma de estrela fornecida para desapertar o parafuso de fixação da cobertura da cúpula rodando-o no sentido anti-horário e remova a cobertura da cúpula.



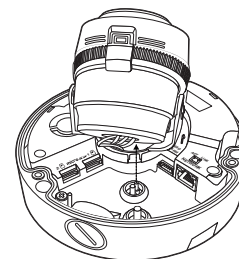
Instalação

1. Faça furos para encaixar os quatro pontos D da placa do suporte fornecida como acessório.
 - Oriente a marca [↑] na direção que deseja monitorizar.
2. Insira totalmente o pivot de plástico.
3. Alinhe o furo de montagem da câmera com o furo onde o pivot de plástico está inserido, em seguida aperte o parafuso de fixação.
4. Aperte a placa do suporte e o estojo da câmera como indicado.
 - Oriente a marca [↑] na direção que deseja monitorizar.
5. Conecte e organize os cabos necessários para que não sejam danificados ou torcidos durante a instalação da câmera.
6. Ajuste a lente em uma direção desejada consultando a seção "Ajustando a direção de monitoramento da câmera". (Página 15)
7. Feche a tampa do dome.
 - Aperte firmemente o parafuso autorroscante usando uma chave em L para evitar um vazamento de água.

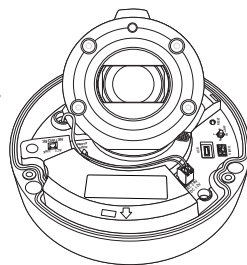


Conecte o cabe impermeável e o cabo LAN

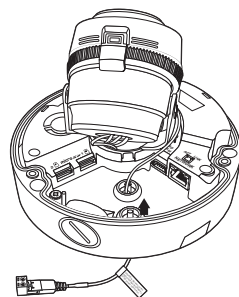
1. Remova a tampa do dome e a caixa.
2. Puxe a parte longa projetada do tampão de borracha na parte inferior e retire-o conforme apresentado na figura.



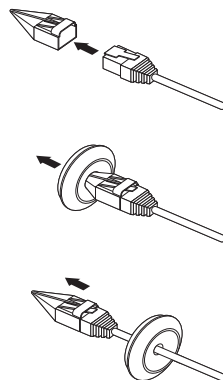
3. Introduza o cabo de alimentação no orifício menor feito pela remoção da parte projetada do tampão de borracha na etapa 2 acima e coloque o cabo ao longo da ranhura.
4. Conecte o cabo de alimentação com o terminal do bloco de alimentação.



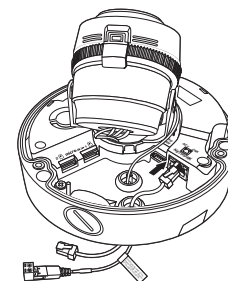
5. Arranque a rolha de borracha no chão como indicado.



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

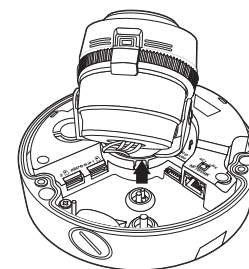


7. Insira a rolha de borracha de novo e conecte o cabo LAN ao terminal Ethernet.

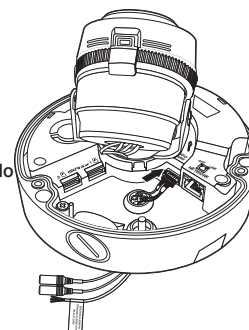


Conectando o cabo de alarme e de áudio

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. Ajuste a lente em uma direção desejada consultando a seção "**Ajustando a direção de monitoramento da câmera**". (Página 15)
7. 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 12)
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 15)
6. Feche a tampa do dome.
 - Aperte firmemente os parafusos de fixação usando a chave em forma de estrela para evitar fugas de água.

Instalação no exterior

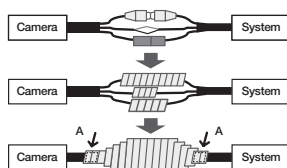
Quando instalar o aparelho, se o fizer fora do edifício, por favor impermeabilize a ficha com tape impermeável de borracha butílica (pode ser adquirida em lojas) para que a água não extravase a partir do vão do cabo conectado para o exterior.

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.



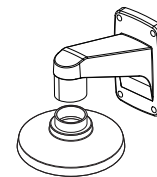
- Se o invólucro do cabo não se encontrar adequadamente impermeabilizado, pode diretamente provocar vazamento. Certifique-se de proteger o cabo com uma densa camada de tape.
- A tape de borracha butílica é fabricada a partir de borracha de butilo que pode ser esticada até ao dobro de seu comprimento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



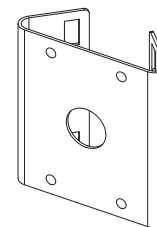
Acessórios opcionais para instalação

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

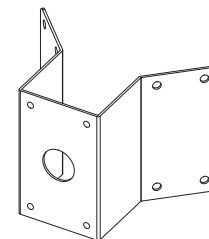
1. SUPORTE DE ARMAÇÃO(SBP-300WMS)/SUPORTE SUSPENSO(SBP-HMS6)
Este adaptador é usado ao instalar a câmera dome em uma parede.



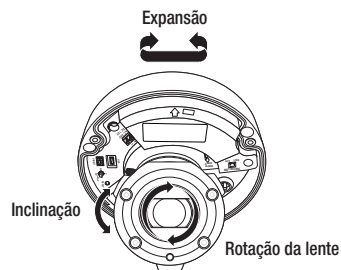
2. ADAPTADOR DE MONTAGEM EM POSTE (SBP-300PMS)
Este é um adaptador para a instalação do ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WMS ou SBP-300WMS1) em um poste cujo diâmetro seja maior que 80mm.



3. ADAPTADOR DE MONTAGEM EM CANTO (SBP-300KMS)
Este é um adaptador para a instalação do ADAPTADOR DE MONTAGEM EM PAREDE (SBP-300WMS ou SBP-300WMS1) em um canto de uma parede.



Ajustando a direção de monitoramento da câmera



▪ 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.
- O ângulo de rotação da inclinação é de 67° para XNV-6080RS/8080RS e de 75° para XNV-6120RS.



- 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.

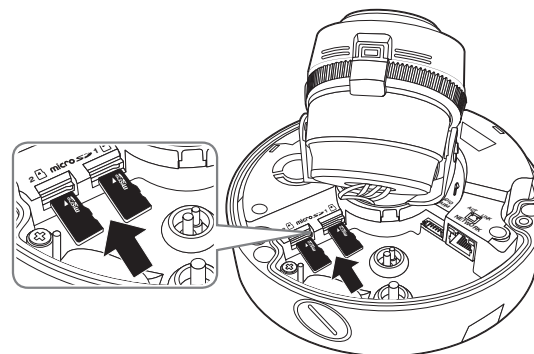
INSERINDO/REMOVENDO UM CARTÃO DE MEMÓRIA MICRO SD



- 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.

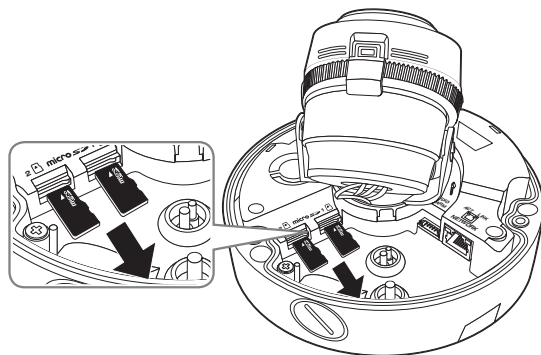
Inserindo um cartão de memória Micro SD

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



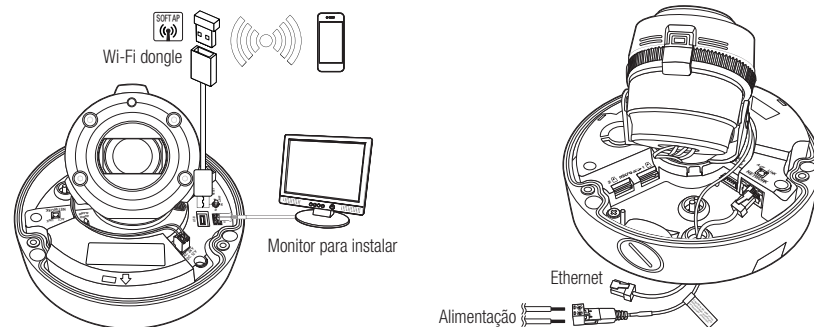
Removendo um cartão de memória Micro SD

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



- ! 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 o cartão de memória SD, em <Armazenamento>, defina o dispositivo para <Desl.> 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



- ! 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 monitoramento.

Conexão Ethernet

Conecte o cabo Ethernet à rede local ou à Internet.

Ligando a Wi-Fi

Configuração da Câmera

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

Configuração de Smartphone

1. Instale o aplicativo Instalação Wisenet.
2. Selecione o SSID da câmera após ligar o Wi-Fi.
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	N100mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

Fonte de alimentação

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

- Ao fornecer alimentação PoE e DC 12V ou PoE e AC 24V ao mesmo tempo, o equipamento é alimentado por uma fonte externa (AC 24V, DC 12V).
 - Também é possível usar um roteador que tenha PoE para fornecer energia à câmera.
 - Use um PoE compatível com os protocolos IEEE 802.3af.
 - É recomendável usar uma fonte de alimentação única para o equipamento, entre PoE, DC 12V e AC 24V.
- Tenha cuidado para não inverter a polaridade quando conectar o cabo de alimentação.
- AC 24V pode ser ligada em união sem pólos.
- Se você quiser conectar um dispositivo externo, precisará desativar o dispositivo externo antes de continuar.
- Primeiro, conecte o conjunto e o adaptador de linha de energia, e de seguida conecte o cabo de energia à saída de na parede.

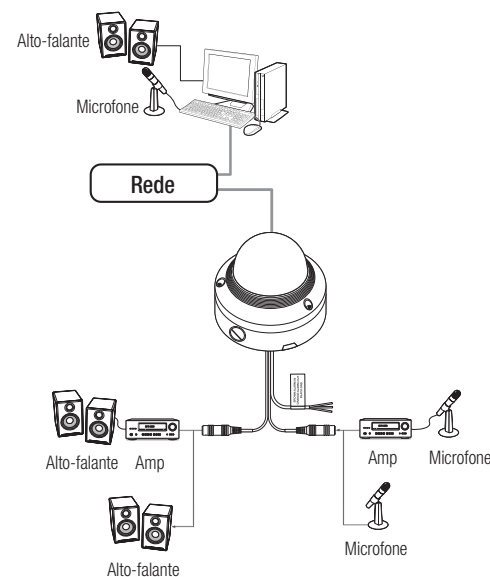
Especificação do Cabo de Alimentação para Cada Modelo

Modelo	Potência de entrada	Tipo de Fio (AWG)	Comprimento do Cabo (Max.)
XNV-6080RS/8080RS/6120RS	DC 12V	#18	19m
		#16	30m
	AC 24V	#20	26m
		#18	40m

Especificação do Cabo de Rede

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

Conectando à entrada/saída de áudio



1. Conecte a porta AUDIO IN da câmera no microfone ou a porta LINE OUT do amplificador ao qual o microfone está conectado.
2. Conecte a porta AUDIO OUT da câmera nos alto-falantes ou a porta LINE IN do amplificador ao qual os alto-falantes estão conectados.
3. Verifique as especificações para a entrada de áudio.

• Codec de áudio

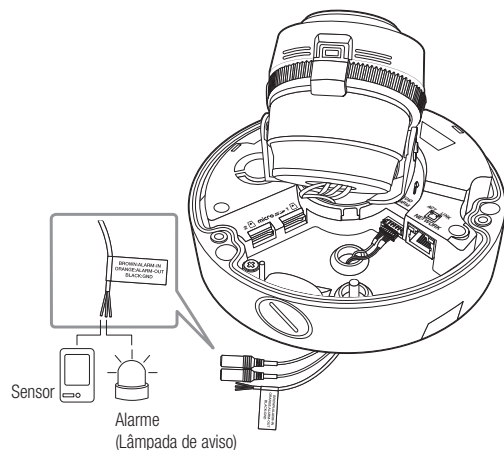
- Entrada de Áudio : G.711 PCM (Taxa de Bits: 64kbps / Frequência de Amostragem: 8kHz), G.726 ADPCM (Taxa de Bits: 16Kbps, 24Kbps, 32Kbps, 40Kbps / Frequência de Amostragem: 8kHz), AAC (Taxa de Bits: 48Kbps / Frequência de Amostragem: 16kHz)
- Saída de Áudio : G.711 PCM (Taxa de Bits: 64kbps / Frequência de Amostragem: 8kHz)

• Áudio full duplex

- **Entrada de áudio:** Seleccionável (microfone/Linha de entrada), Tensão suportada: 2,5VCC (4mA), Impedância de entrada: 2K Ohm
- **Saída de áudio:** Linha de saída (3,5mm tomada mono), Saída máxima: 1Vrms
- **Impedância de saída de linha :** 600Ω

Conectando à caixa da porta de E/S

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



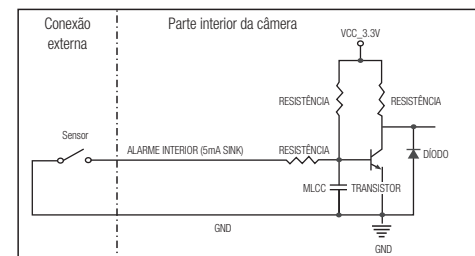
- ALARM-IN : Usado para conectar o sensor de entrada do alarme ou o sensor externo de dia/noite.
- ALARM-OUT : Usada para conectar o sinal de saída de alarme.
- GND : Porta comum para entrada de alarme/saída de sinal.

! 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 18)

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

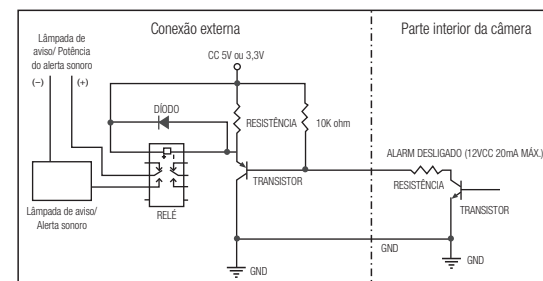


Para conectar o alarme no exterior

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

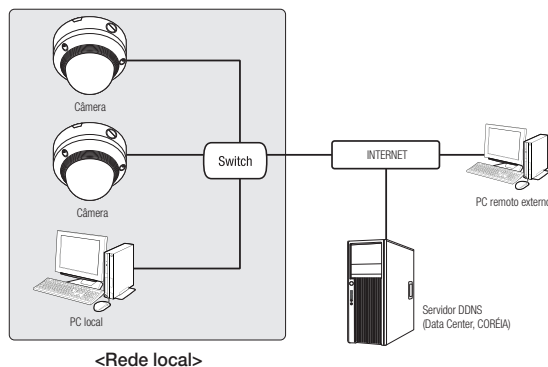


É possível ajustar as definições da rede de acordo com suas configurações de rede.

CONECTANDO A CÂMERA DIRETAMENTE À REDE LOCAL

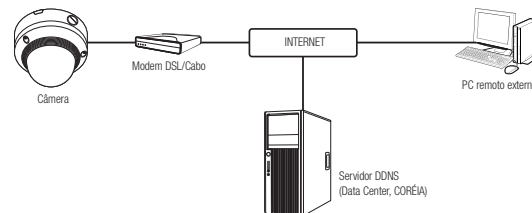
Conectando a câmera a partir de um PC local na LAN

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 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 21)

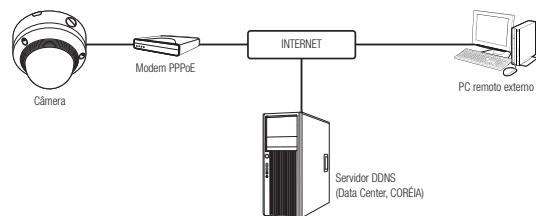
CONECTANDO A CÂMERA DIRETAMENTE A UM DHCP COM BASE NO MODEM DSL/CABO



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

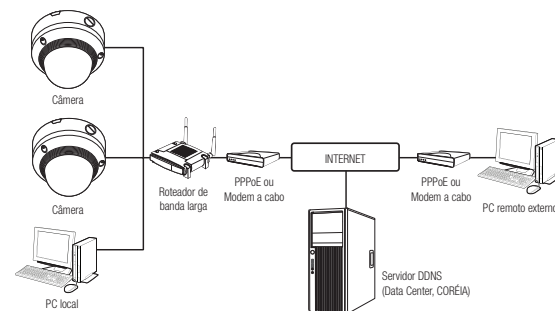


1. Conecte o PC do usuário diretamente à câmera de rede.
2. Execute o Device Manager e altere o endereço IP da câmera, para que você possa usar o navegador de rede em sua área de trabalho para se conectar à internet.
3. Use o navegador da Internet para conectar-se ao visualizador da web.
4. Vá para a 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 23)

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.
- 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 23)

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)

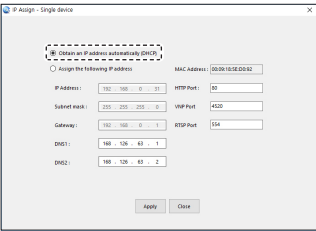
	Categoria	Câmera #1	Câmera #2
Configurações relacionadas ao IP	IP Address	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Configurações relacionadas à porta	HTTP Port	8080	8081
	VNP Port	4520	4521
	RTSP Port	554	555

- 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

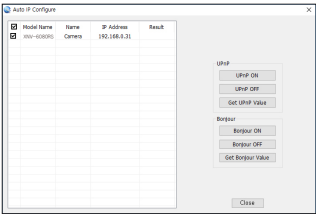
Obtenha o endereço IP no DHCP

- 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

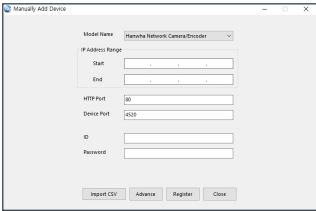
- Na lista, clique na câmera para a qual você deseja configurar automaticamente o IP.
- Clique em < + >, na página inicial do Device Manager.
 - O menu Configuração do equipamento é exibido.
- No menu, clique em <Auto IP Configure (Configurar IP automático)>.
- Clique no botão [Close (Fechar)].



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

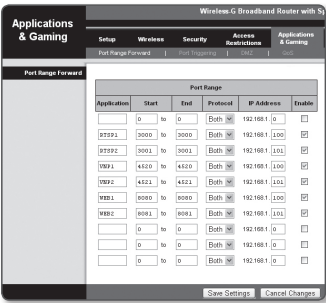


CONFIGURAÇÃO DO AVANÇO DA FAIXA DA PORTA (MAPEAMENTO DE PORTA)

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.

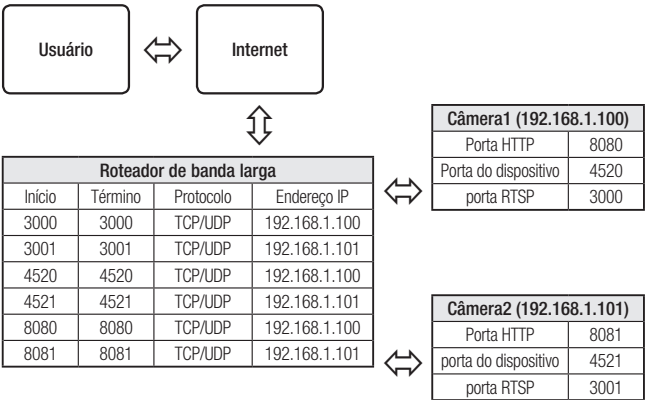


- A configuração de encaminhamento de porta é um exemplo de configuração do roteador de IP CISCO.
- As configurações podem ser diferentes dependendo do modelo do Roteador de banda larga conectado.
Para obter mais informações, consulte o manual do usuário do roteador aplicável.

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>

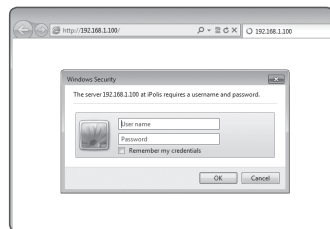


- Para usar o DDNS dinâmico Wisenet, cadastre-se na página do DDNS dinâmico Wisenet (<http://ddns.hanwha-security.com>) e registre o produto em **[Meu DDNS dinâmico]>[Registrar produto]**.

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.

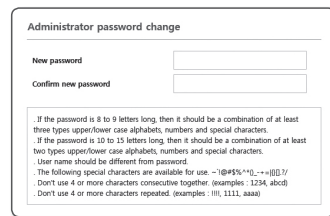
Para registrar o seu dispositivo no servidor <DDNS>, visite <http://ddns.hanwha-security.com> e registre o dispositivo primeiro; em seguida, configure <Rede> - <DDNS> do Visualizador da Web para <Wisenet DDNS> e forneça o <ID do produto> usado no registro do DDNS.

CONFIGURAÇÃO DE SENHA

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

Quando aparece a janela de “**Alteração de senha**”, digite a nova 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.

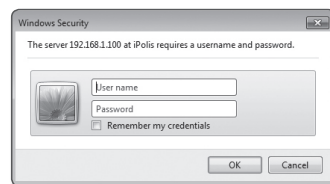


LOGIN

Sempre que você acessar a câmera, a janela de login 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.



ESPECIFICAÇÕES DO PLUG-IN DE SUPORTE PARA CADA NAVEGADOR

O plug-in existente do visualizador da web e um visualizador da web com plug-in gratuito estão incorporados juntos.

Isso permite que você use o visualizador web em ambientes de navegador mais recentes que não suportam plug-ins, tais como o Chrome, EDGE e FireFox (apenas Windows 64-bit). Para navegadores que permitem a instalação de plug-ins, tais como IE e Safari, recomenda-se que instale o plug-in.

De acordo com o ambiente do navegador, podem ser observadas as seguinte diferenças.

- **Navegadores Chrome, FireFox (apenas Windows 64bit), EDGE e Safari** : O ambiente do navegador não permite o uso de um plug-in, mas se tiver um um visualizador da web sem plug-in instalado você pode usar o visualizador web.
 - Os visualizadores da web sem plug-in podem ter um desempenho inferior aos visualizadores da web com base em plug-in dependendo do codec de vídeo e resolução.
 - Quando existe um retardamento no vídeo ao vivo é criado automaticamente um perfil sem plug-in (HD (1280x720) e 20 FPS de H.264).
 - Podem existir retardamentos na reprodução dependendo do codec e da resolução.
 - A característica sem plug-in foi otimizada para o navegador Chrome.
- **Navegador IE, Safari** : Mesmo se não instalar o plug-in do visualizador da web com plug-in existente, você pode usar o visualizador da web com funcionalidade limitada.
 - Para monitorizar/reproduzir um vídeo salvo sem problemas, é necessário instalar um plug-in.

INSTALANDO O PLUG-IN DO WebViewer

Irá aparecer uma mensagem de instalação se você tentar acessar o visualizador da web sem plug-in a partir do IE e solicitar uma visualização ao vivo com um codec diferente do que está a reproduzir atualmente, ou usar a função de reprodução de vídeo gravado.

Nesse momento, o plug-in do visualizador da web deve ser instalado para usar as funções normalmente.

1. Quando é acessada a página de monitoramento pela primeira vez, é exibida a página de instalação. Clique em **[Download plugin]** para iniciar a instalação.



- Se o estado de download do plug-in do arquivo de instalação for suspenso em 99% no navegador Internet Explorer, tente novamente após selecionar "Release SmartScreen filter" em "Tool → SmartScreen filter".

2. Clique em **[Run]** na janela da mensagem.

3. Clique em **[Yes]** quando for exibida a janela de aviso que diz que todas as janelas de navegação serão encerradas.



- As etapas 4 e 5 serão ignoradas se não for instalado nenhum Web Viewer Plug-in.

4. Quando é instalada a versão antiga de Web Viewer Plug-in, é exibida uma janela de aviso que diz que a versão antiga será excluída.

Clique em **[Yes]** quando é exibida a janela de aviso.

5. Clique em **[OK]**.

A versão antiga de Web Viewer Plug-in está excluída.

6. Clique em **[Install]** para iniciar a instalação do Web Viewer Plug-in.

7. Clique em **[Finish]**.

A instalação do Plug-in Web Viewer está concluída.

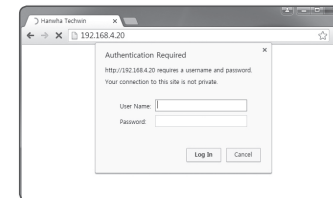


- No seu Internet Explorer, se você precisar passar para a tela de instalação depois de instalar o Plug-in do visualizador Web, verifique se o `webviewer_activeplugin_lib.control` no menu "Ferramenta → Gerenciamento adicional de função" está "ativado". Se não, e se houver um problema persistente, selecione "Ferramentas → Opções de Internet → Geral" e exclua todos os registros de pesquisa.
Se o problema persistir, por favor, registre o IP ou Domínio da sua câmera em "Ferramentas → Opções de Internet → Segurança → Sites confiáveis".

USANDO UM VISUALIZADOR WEB COM PLUG-IN GRATUITO

Apesar de não ser possível instalar plug-ins separadamente, se você acessar à câmera a partir do navegador Google Chrome, Mozilla Firefox ou MS Edge, você pode visualizar e controlar o vídeo da câmera sem instalar plug-ins.

1. Insira o seu nome de usuário e senha para se conectar.
2. Quando estiver conectado aparece uma tela de vista de câmera em direto.



Para definir a 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 e áudio, rede, evento, análise, sistema e abrir plataforma através da rede.
4. Clique em **<Ajuda (?)>** para visualizar as descrições detalhadas de cada função.

ESPECIFICAÇÕES

Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Video	Dispositivo de imagem	1/2,8" 2M CMOS	1/1.8" 6M CMOS	1/2.8" 2M CMOS
	Total de pixels	1945(H) x 1109(V) 2,16M	3096(H) x 2094(V)	1945(H) x 1109(V) 2,16M
	Pixels efetivos	1945(H) x 1097(V) 2,13M	2616(H) x 1976(V)	1945(H) x 1097(V) 2,13M
	Sistema de procura	Varredura progressiva		
	Iluminação mín.	Cor : 0.015 lux(F1.4, 1/30seg), P/B : 0 lux(IR LED On)	Cor : 0.07 lux(F1.3, 1/30seg), P/B : 0 lux(IR LED On)	Cor : 0.03 lux(F1.6, 1/30seg), P/B : 0 lux(IR LED On)
	Relação de S/R	50dB		
	Saída de vídeo	CVBS : 1.0 Vp-p / 75Ω composto, 720x480(N), 720x576(P), para instalação USB : Micro USB tipo B, 1280X720, para instalação		
Lente	Distância focal (Taxa de zoom)	2,8~12mm(4.3x) motorized varifocal	3,9~9,4mm(2.4x) motorized varifocal	5,2 ~ 62,4 mm (12X óptico)
	Taxa de abertura máx.	1.4(Largura) ~ 3.6(Tele)	F1.3	1.6(Largura) ~ 3.0(Tele)
	Campo angular de visão	H: 119.5°, V: 62.8°, D: 142.1° H: 27.9°, V: 15.7°, D: 32.0°	H: 92.1°, V: 67.2°, D: 119.9° H: 38.7°, V: 29.0°, D: 48.6°	H : 54.58°(Largura) ~ 5.30°(Tele) / V : 32.19(Largura) ~ 3.00°(Tele) / D : 61.40°(Largura) ~ 6.06°(Tele)
	Distância mínima do objeto	0.5m (1.64ft)		2.1m (6.89ft)
	Controle de foco	Foco Simples (V/F Motorizado) / Manual - Controle remoto via rede (Manual, Foco Simples)		Automático / Manual / De cada vez AF
	Tipo de lente	DC Auto Iris, P-iris		DC Auto Iris
	Tipo de montagem	Tipo integrado		
	Panorâmica/ inclinação/ rotação	0° ~ 354° / 0° ~ 67° / 0° ~ 355°		0° ~ 354° / 0° ~ 75° / 0° ~ 355°

Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Operacional	Comprimento visualizável	50m(164.04ft)		70m(229.66ft)
	Título da câmera	Desl. / Lig. (85 caracteres exibidos) - W/W : Caracteres Ingleses/Numéricos/Especiais - Comum : Linhas Múltiplas (Máx. 5), Cor (Cinza/Verde/Vermelho/Azul/Preto/ Branco), Transparência, Escala Automática por Resolução		
	Dia / Noite	Automático (ICR) / Cor / P/B / Externa / Programado		
	Compensação de luz de fundo	Desl. / BLC / HLC(Mascaramento/Esmaecimento) /WDR		
	Faixa dinâmica ampla	150dB	120dB	150dB
	Aprimoramento de contraste	SSDR (Desl. / Lig.)		
	Redução de ruído digital	SSNR5 (Filtro de ruído 2D+3D) (Desl. / Lig.)		
	Estabilização de imagem digital	Desl. / Lig.		Desl. / Lig. (Sensor giroscópio incorporado)
	Desembaciador	Automático/Manual/Desl.		
	Deteccção de movimento	Desl. / Lig. (Zonas poligonais de 8pontos, 8ea), Transferência		
	Máscara de privacidade	Desl. / Lig. (32 ea, Zonas poligonais) - Cor: cinza, verde, vermelho, azul, preto, branco - Mosaico		
	Controle de ganho	Desl. / Baixo / Médio / Alto	Desl. / Baixo / Médio / Alto / Manual	Desl. / Baixo / Médio / Alto
	Equilíbrio de branco	ATW / AWC / Manual / Interior / Exterior (Mercúrio e Sódio incluídos)		
	Contraste	Ajuste do nível		
	LDC	On/Off (ligar/desligar) (5 níveis com Mín/Máx)		
	Velocidade do obturador eletrônico	Mínimo / Máximo / Anti cintilação (2 ~ 1/12,000seg)		
PTZ Digital	24X, PTZ Digital(Predefinido, Grupo)		24X	
Predefinição	-		300ea	

Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Operacional	Invertido/Espelho	Inverter : Liga/Desliga Espelho : Liga/Desliga Hallway : 90°/270°		
	Análise de vídeo e áudio	Manipulação, Ociosidade, Detecção Direcional, Detecção de Desfocagem, Detecção de Nevoeiro, Linha Virtual, Entrar/Sair, Aparecer / Desaparecer, Detecção Automática, Detecção de face, Detecção de Movimento, Rastreamento Digital Automático, Classificação de Som		
	E/S de alarme	Entrada 1 ea / Saída 1 ea		
	Acionadores de alarme	Entrada de alarme, detecção de movimento, análise de vídeo e áudio, desconexão de rede		
	Eventos de alarme	- Carregamento de arquivo por FTP, e-mail - Notificação por e-mail - O armazenamento local (SD/SDHC/SDXC) ou gravação NAS em rede desconectada e Eventos (Acionamentos de Alarme) - Saída externa - DPTZ predefinido		
	Contador de Pixel	Suporte		
	Ethernet	RJ-45 (10/100BASE-T)		
Rede	Formato de compressão de vídeo	H.265/H.264 (MPEG-4 Parte 10/AVC) : Principal/Base de referência/Elevado Motion JPEG		
	Resolução	XNV-6080RS/XNV-6120RS : 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 XNV-8080RS : 2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240		
	Taxa máxima de quadros	H.265/H.264 : Máximo 60fps em todas resoluções JPEG de movimento : Máximo 30fps	H.265/H.264 : Máximo 30fps em todas resoluções JPEG de movimento : Máximo 30fps	H.265/H.264 : Máximo 60fps em todas resoluções JPEG de movimento : Máximo 30fps
	Codec Inteligente	Modo manual (com base na Área: 5 ea)		

Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Rede	WiseStream II	Suporte		
	Ajuste da qualidade de vídeo	H.264/H.265 : Controle do nível de taxa de bits alvo MJPEG : Controle do nível de taxa de bits alvo		
	Método de controle de taxa de bits	H.264/H.265 : CBR ou VBR Motion JPEG : VBR		
	Capacidade de fluxo	Fluxo múltiplo (até 10 perfis)		
	Entrada de Áudio	Nível máximo de saída de (Microfone de entrada/Linha de entrada) Tensão de alimentação: 2,5 VDC (4 mA), Impedância de entrada: aprox. 2K Ohm		
	Saída de Áudio	Linha de saída, Saída máxima: 1Vrms		
	Formato de compressão do áudio	G.711 µ-law / G.726 Selecionável G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48Kbps a 8/16/32/48KHz		
	Audio Communication	Bidirecional		
	IP	IPv4, IPv6		
	Protocolo	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour		
	Segurança	Autenticação de login HTTPS(SSL) Autenticação de login Digest Filtragem de endereço IP Registro de acesso do usuário Método de autenticação 802.1X (EAP-TLS, EAP-LEAP)		
	Método de fluxo	Unicast / Multicast		
	Acesso máx. de usuários	20 usuários no modo Unicast		

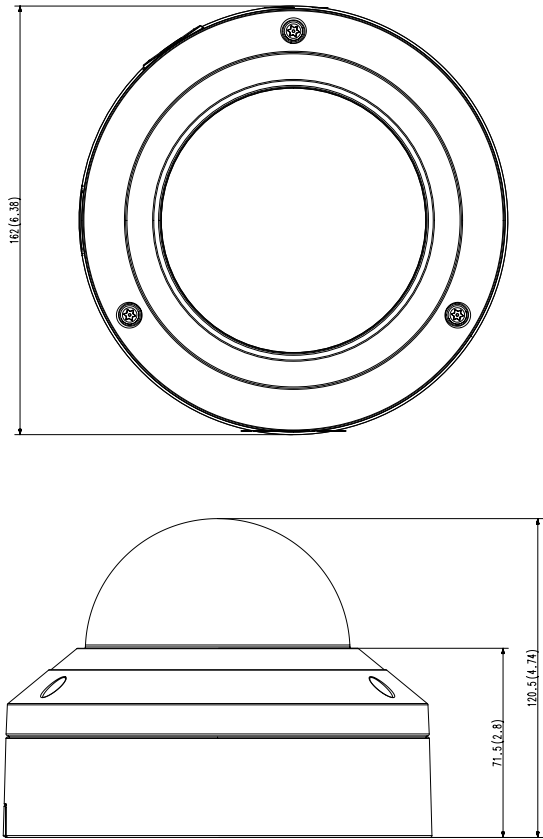
Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Rede	Armazenamento local em cartão	2 ranhuras SD/SDHC/SDXC (até 512 GB) - Gravação contínua (1ª ranhura para 2ª ranhura) - Imagens de movimento gravadas no cartão de memória SD/SDHC/SDXC podem ser baixadas. NAS (Armazenamento de Rede Anexado) PC Local para Gravação Instantânea		
	Interface de Aplicação de Programação	ONVIF Profile S/G SUNAPI(HTTP API) Abrir Plataforma		
	Idioma da página da Web	Inglês, Coreano, Francês, Alemão, Espanhol, Italiano, Chinês, Russo, Japonês, Sueco, Português, Tcheco, Polonês, Turco, Holandês, Húngaro, Grego		
	Visualizador da Web	SO suportado : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Visualizador da web com plug-in gratuito Navegadores suportados : Google Chrome, MS Edge, Mozilla Firefox (Apenas suportado em Window 64bit), Apple Safari 10 (Apenas suportado em Mac OS X) Visualizador da web com plug-in Navegadores suportados : MS Explore 11, Apple Safari (Apenas suportado em Mac OS X)		
	Software de gerenciamento central	SmartViewer, SSM		
Condições ambientais	Temperatura / umidade operacional	-40°C ~ +55°C (-40°F ~ +131°F) / Menos de 90% UR		-40°C ~ +55°C (-40°F ~ +131°F) / Menos de 90% UR *A inicialização deve ser executada a uma temperatura superior a -35° C (-31° F)
	Temperatura / Umidade de armazenamento	-50°C ~ +60°C (-58°F ~ +140°F) / Menos de 90% UR		
	Proteção de ingresso	IP66, NEMA 4X		
	Resistente a vandalismo	IK 10+(50J)		

Itens		Descrição		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Elétrica	Tensão / corrente de entrada	24VAC ± 10%, 12VDC ± 10%, PoE (IEEE802.3af)		
	Consumo de energia	Máx. 11.5W (12VDC), Máx. 12.95W (PoE), Máx. 14W (24VAC)		
Mecânica	Cor / material	Prata / SUS316L		
	Dimensões (ØxA)	Ø 162 X A120.5mm (Ø6.38" x 4.74")		Ø 162 X A134.5mm (Ø6.38" x 5.3")
	Peso	2.8kg		2.7kg

EXIBIÇÃO DO PRODUTO

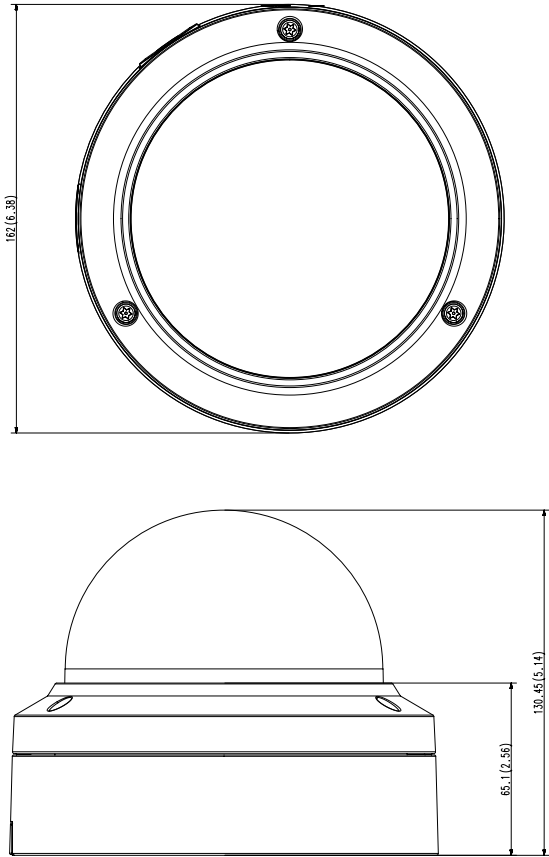
XNV-6080RS/XNV-8080RS

Unidade: mm (polegadas)



XNV-6120RS

Unidade: mm (polegadas)



SOLUÇÃO DE PROBLEMAS

PROBLEMA	SOLUÇÃO
Quando um usuário do Windows 10 acessa o visualizador web através do Chrome ou Firefox, o volume do som do microfone se altera periodicamente.	Isso é o que acontece quando o driver do microfone é configurado para o driver Realtek. Instale o dispositivo Áudio de Alta Definição (Driver Padrão do Windows) ou o driver de terceiros como o driver do microfone.
Não é exibido nenhum vídeo ao acessar o visualizador web com plug-in gratuito no navegador Safari via HTTPS.	- 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". - 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.
Não consigo acessar a câmera de um navegador da Web.	- Verifique se as configurações de rede da câmera são apropriadas. - Verifique se todos os cabos de rede foram conectados corretamente. - 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.
O visualizador foi desconectado durante o monitoramento.	- Os visualizadores conectados são desconectados após qualquer alteração na câmera ou nas configurações de rede. - Verifique todas as conexões da rede. - 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
A voz não é gravada mesmo que as configurações de entrada de áudio estejam definidas.	Selecione a caixa de seleção <Entrada de áudio> a partir de <Basic> - <Perfil de vídeo>.
O <Detecção de movim.> do <Análises> é definido como <Ativar>, mas não me chega nenhuma notificação por e-mail, mesmo quando ocorreu um evento de análise.	- Verifique as configurações na seguinte sequência: A. Verifique <Data e horário>. B. A <Detecção de movim.> deve ser configurada para <Ativar>. C. Verifique se a opção de <E-mail> do menu de <Configuração de evento> está marcada como Usar.
Nenhum sinal é encontrado na porta de saída de alarme mesmo quando um evento de análise inteligente de vídeo é gerado.	Verifique as configurações da porta de saída de alarme.
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.	- 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. - Formate o cartão de memória novamente pelo menu <Configurar> → <Evento> → <Armazenamento>.
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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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	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-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	
zerocoinf	GPL 2.0	

LGPL SW

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

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- Version 1.1

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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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established by T-Engine Forum
on January 23, 2004
revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

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 3. The member shall submit test results of the Ported Source Code to T-Engine Forum when requesting the distribution.
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5. The provision set forth in Article 3 shall apply to the Ported Source Code registered in accordance with this Article.

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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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