

WISeNeT

KAMERA SIECIOWA

Instrukcja obsługi

PNM-9320VQP

SLA-2M2400P/2M2800P/2M3600P/2M6000P/
2M1200P/5M3700P/5M4600P/5M7000P



Kamera Sieciowa

Instrukcja obsługi

Prawa autorskie

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Znaki towarowe

Wszystkie znaki handlowe wymienione w niniejszym dokumencie są zastrzeżone. Nazwa niniejszego produktu i inne znaki handlowe wymienione w niniejszym podręczniku są zastrzeżonymi znakami handlowymi odpowiednich właścicieli.

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Wyłączenie odpowiedzialności

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- ❖ Konstrukcja i dane techniczne urządzenia mogą ulec zmianie bez powiadomienia.
- ❖ Początkowym ID administratora jest “admin” a hasło powinno zostać ustawione podczas pierwszego logowania.
Dla zabezpieczenia informacji i zapobieżenia szkodom, hasło należy zmieniać co trzy miesiące.
Proszę pamiętać, że odpowiedzialność za bezpieczeństwo i wszelkie szkody wynikające z braku dbałości o hasło.

WAŻNE ZALECENIA DOTYCZĄCE BEZPIECZEŃSTWA

- Należy przeczytać poniższe zalecenia.
- Należy zachować je do wglądu.
- Należy przeczytać wszystkie ostrzeżenia.
- Należy przestrzegać wszystkich zaleceń.
- Nie używać urządzenia w pobliżu wody.
- Zabrudzoną powierzchnię produktu wyczyść miękką, suchą szmatką lub wilgotną szmatką. (Nie używaj żadnych detergentów ani produktów kosmetycznych zawierających alkohol, rozpuszczalniki, surfaktanty lub substancje oleiste, ponieważ mogą one spowodować odkształcenie lub uszkodzenie produktu).
- Nie blokować żadnych otworów wentylacyjnych. Montować zgodnie z instrukcją producenta.
- Nie montować w pobliżu źródeł ciepła takich jak grzejniki, kratki nagrzewnic lub innych urządzeń (w tym wzmacniaczy) emitujących ciepło.
- Nie lekceważyć zabezpieczenia wynikającego ze stosowania wtyczek spolaryzowanych lub z uziemieniem. Wtyczka spolaryzowana ma dwa bolce, z których jeden jest szerszy od drugiego. Wtyczka z uziemieniem ma trzy bolce, z czego jeden jest uziemiający. Szerszy lub odpowiednio trzeci bolec stosuje się w celu zapewnienia bezpieczeństwa. Jeśli dostarczona wtyczka nie pasuje do gniazda, skontaktuj się z elektrykiem w celu wymiany przestarzałego gniazda.
- Przewód zasilający przy wtyczkach, oprawach oraz w miejscach, gdzie wystają one z urządzenia należy zabezpieczyć przed możliwością nadeptnięcia lub przyciśnięcia.
- Używać wyłącznie elementów dodatkowych/akcesoriów zalecanych przez producenta.
- Kamery należy używać tylko z wózkiem, podstawą, statywem, uchwytem lub stołem zalecanym przez producenta lub sprzedawanym z kamerą. W przypadku użycia wózka podczas przemieszczania zestawu wózek-urządzenie należy zachować ostrożność, aby uniknąć obrażeń spowodowanych jego wywróceniem.
- W czasie burzy z wyładowaniami atmosferycznymi lub w przypadku nieużywania urządzenia przez dłuższy czas należy odłączyć urządzenie od zasilania.
- Wszelkie naprawy należy zlecać wykwalifikowanemu personelowi serwisu. Naprawy są konieczne gdy urządzenie zostało uszkodzone w jakikolwiek sposób, np. gdy uszkodzony jest przewód zasilający lub wtyczka, do środka urządzenia przedostał się płyn lub ciała obce, urządzenie miało kontakt z deszczem lub wilgocią, nie funkcjonuje normalnie lub spadło.
- Do zasilania tego produktu przewidziano atestowany zasilacz kategorii „Class 2” lub „LPS” o parametrach znamionowych od PoE , 1.5A. (PNM-9320VQP)
- Użycie zbyt dużej siły podczas instalacji produktu może doprowadzić do uszkodzenia i nieprawidłowego działania kamery. Instalacja produktu przy użyciu siły i nieodpowiednich narzędzi może doprowadzić do jego uszkodzenia.
- Produktu nie należy instalować w miejscu, w którym mogą występować lub powstawać substancje chemiczne lub mgły olejowe. Oleje jadalne, takie jak olej sojowy, mogą uszkodzić lub odkształcić produkt, w związku z czym nie należy instalować go w kuchni lub w pobliżu blatu kuchennego. W przeciwnym razie produkt może ulec uszkodzeniu.
- Podczas instalacji produktu należy uważać, aby jego powierzchnia nie została zabrudzona substancjami chemicznymi. Niektóre substancje chemiczne zawierające rozpuszczalniki lub kleje mogą powodować poważne uszkodzenie powierzchni produktu.
- W przypadku instalacji lub demontażu produktu w sposób inny niż zalecany nie można zagwarantować prawidłowego działania funkcji i wydajności produktu. Zainstaluj produkt, zapoznając się z rozdziałem „Instalacja i podłączanie (Installation and connection)” w podręczniku użytkownika.
- Instalacja lub eksploatacja produktu w wodzie może doprowadzić do jego poważnego uszkodzenia.



OSTRZEŻENIE

ABY ZMNIJSZYĆ RYZYKO POŻARU LUB PORAŻENIA PRADEM ELEKTRYCZNYM, NIE NALEŻY WYSTAWIAĆ URZĄDZENIA NA DZIAŁANIE WODY ANI WILGOCI. DO NOT INSERT ANY METALLIC OBJECT THROUGH THE VENTILATION GRILLS OR OTHER OPENINGS ON THE EQUIPMENT.

Nie należy narażać urządzenia na kapanie lub rozlewanie płynów. Na urządzeniu nie należy stawiać przedmiotów wypełnionych cieczą np. wazonów.

Aby zapobiec obrażeniom, urządzenie należy dobrze przymocować do ściany/sufitu, zgodnie z instrukcjami montażu.

Silnik panoramowania/wychylania/zoomowania oraz pierścień lizgowy s objęte jednoročn gwarancj przy ci g ł ej pracy.

UWAGA

	UWAGA NIEBEZPIECZEŃSTWO PORAŻENIA PRADEM. NIE OTWIERAĆ	
UWAGA : ABY ZMNIJSZYĆ RYZYKO PORAŻENIA PRADEM NIE USUWAĆ OBUDOWY (ANI CZĘŚCI TYLNEJ). NIE MA CZĘŚCI PRZEZNACZONYCH DO NAPRAWY PRZEZ UŻYTKOWNIKA. NALEŻY SKONTAKTOWAĆ SIĘ Z WYKWAŁIFIKOWANYM PERSONELEM SERWISU.		

WYJAŚNIENIE SYMBOLI GRAFICZNYCH



Równoboczny trójkąt ostrzegawczy ze znakiem błyskawicy zakończony strzałką przestrzega przed „niebezpiecznym napięciem” wewnątrz urządzenia, które może mieć wystarczająco wysokie natężenie, aby stanowić zagrożenie porażenia prądem elektrycznym.



Trójkąt równoboczny z wykrzyknikiem to symbol wskazujący, że dokumentacja dołączona do urządzenia zawiera ważne instrukcje dotyczące obsługi i konserwacji (serwisowania).

Klasa I konstrukcji

Urządzenie z konstrukcją KLASA I należy podłączać do gniazda SIECI ELEKTRYCZNEJ za pomocą zabezpieczonych przewodów uziemiających.

Akumulator

Akumulatorów (znajdującego się w urządzeniu zestawu akumulatorów lub akumulatora) nie należy wystawiać na działanie zbyt wysokiej temperatury, np. promieni słonecznych, ognia itp.

Odlączanie urządzenia

Jeśli urządzenie jest uszkodzone, odłącz je z sieci zasilającej. Wezwij także lokalnego technika serwisowego.

Jeśli urządzenie jest używane poza granicami Stanów Zjednoczonych, może być stosowane ze wtyczkami z kodami atestów odpowiednich urzędów.

UWAGA

Istnieje ryzyko eksplozji, jeśli użyto baterii niewłaściwego typu. Zużyte baterie utylizować zgodnie z zaleceniami.

Poniższe instrukcje serwisowania są przeznaczone wyłącznie na użytek wykwalifikowanych pracowników serwisu.

Ze względu na zagrożenie porażeniem prądem elektrycznym osoby nieposiadające odpowiednich kwalifikacji nie powinny wykonywać czynności serwisowych innych niż opisane w poniższej instrukcji.

Terminal CVBS służy łatwiejszej instalacji oraz nie jest zalecany dla celów monitoringu.

Należy doprowadzać zasilanie wejściowe tylko do jednej kamery i nie należy do niego podłączać innych urządzeń.

ITE należy podłączać tylko do sieci PoE bez trasowania do zewnętrznego zakładu.

Należy uważnie przeczytać poniższe zasady bezpieczeństwa.

- Produkt połączony jest z odpornym na wilgoć komponentem. Ze względu na charakter produktu, po zasileniu produktu energią może powstać rosa, jednak zniknie ona za dwie, trzy godziny.
- Produkt ten wyposażony jest w wodoodporny system wentylacyjny, należy zatem unikać instalowania go w miejscu, w którym może wystąpić nagła sztuczna zmiana temperatury.
- Nie należy umieszczać tego urządzenia na nierównej powierzchni.
- Urządzenia nie należy instalować na powierzchni wystawionej bezpośrednio na działanie promieni słonecznych, w pobliżu grzejników lub w miejscach o bardzo niskiej temperaturze.
- Nie umieszczać urządzenia w pobliżu materiałów przewodzących.
- Nie należy samodzielnie podejmować prób naprawy urządzenia.
- Na urządzeniu nie należy stawiać pojemników z wodą.
- Produktu nie należy instalować w pobliżu urządzeń emitujących pola magnetyczne.
- Nie zasłaniać otworów wentylacyjnych.
- Na urządzeniu nie należy kłaść ciężkich przedmiotów.
- Podczas instalacji i demontażu kamery należy używać rękawic ochronnych. Wysoka temperatura powierzchni produktu może spowodować poparzenia ciała.

Instrukcja obsługi zawiera wytyczne dotyczące użytkowania produktu.

W niniejszej instrukcji obsługi informacje są oznaczone jako.

- Informacje dodatkowe : wytyczne dotyczące użytkowania produktu
 - Uwaga : informacje o występowaniu ryzyka uszkodzenia produktu lub obrażenia użytkownika w wyniku nieprzestrzegania instrukcji
- ※ W celu zapewnienia bezpieczeństwa przed rozpoczęciem korzystania z urządzenia należy zapoznać się z poniższą instrukcją obsługi i przechowywać ją w bezpiecznym miejscu.

W niektórych środowiskach montażowych mogą wystąpić zakłócenia w komunikacji radiowej. W przypadku wystąpienia zakłóceń fal elektromagnetycznych między produktem a urządzeniem komunikacji radiowej zaleca się zachowanie pewnej odległości między nimi lub zmianę kierunku anteny odbiorczej.

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- 3 Ważne zalecenia dotyczące bezpieczeństwa
- 6 Zalecane Specyfikacje Komputera PC
- 6 Specyfikacja Zalecanych Kart Pamięci Micro SD/SDHC/SDXC
- 6 Co znajduje się w opakowaniu (PNM-9320VQP)
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ZALECANE SPECYFIKACJE KOMPUTERA PC

- Procesor: Intel(R) Core(TM) i7 3.4 GHz lub wyższy
 - Obsługiwany system operacyjny: MS Windows, Mac OS X
 - Obsługiwane przeglądarki internetowe: Google Chrome, MS Edge, Mozilla Firefox (Obsługiwana wyłącznie w systemie Windows 64bit), Apple Safari (Obsługiwana wyłącznie w systemie Mac OS X), MS Explorer
- Dodatek zawiera szczegółowe informacje na temat zweryfikowanego systemu operacyjnego i przeglądarek. Niektóre funkcje mogą być ograniczone nawet w obsługiwanych przeglądarkach.

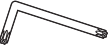
SPECYFIKACJA ZALECANYCH KART PAMIĘCI MICRO SD/SDHC/SDXC

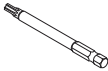
- Zalecana pojemność: Zalecana pojemność: od 16 do 256 GB (typ MLC)
- W przypadku tej kamery zalecane są następujące typy kart pamięci następujących producentów.
 - Producent: SanDisk, Transcend
 - Rodzina produktów: karty o dużej odporności
- Zalecane jest użycie karty pamięci o pojemności co najmniej 16 GB, zgodnej ze specyfikacją 3 klasy UHS (typ MLC).

CO ZNAJDUJE SIĘ W OPAKOWANIU (PNM-9320VQP)

Należy sprawdzić, czy w opakowaniu znajduje się kamera oraz wszystkie akcesoria.
(Akcesoria nie są identyczne i zależą od kraju sprzedaży)

Wygląd	Nazwa elementu	Liczba	Opis
	Kamera	1	
	Skrócona instrukcja obsługi (Opcjonalny)	1	
	Karta gwarancyjna (Opcjonalny)	1	
	Konwerter sieciowy HPoE	1	Służy do podłączania zasilania i sieci
	Przewód monitora sprawdzającego	1	Służy do sprawdzania kamery poprzez podłączenie do przenośnego wyświetlacza
	Kabel zasilający	1	Służy do podłączania konwertera HPoE

Wygląd	Nazwa elementu	Liczba	Opis
	Listwa zaciskowa	1	Służy do podłączania we/wy alarmów
	Klucz imbusowy	1	Służy do dokręcania śrub łączących podstawę montażową z korpusem kamery
	Klucz torx	1	Służy do montażu/demontażu osłony kopuły i pokrywy gniazda karty SD
	Śruba z łbem z gniazdem sześciokątnym	3	Służy do łączenia podstawy montażowej z korpusem kamery
	Podstawa montażowa	1	Wspornik do montażu produktu
	Akcesoria wodoodporne	1	Służą do montażu w otoczeniu o dużej wilgotności

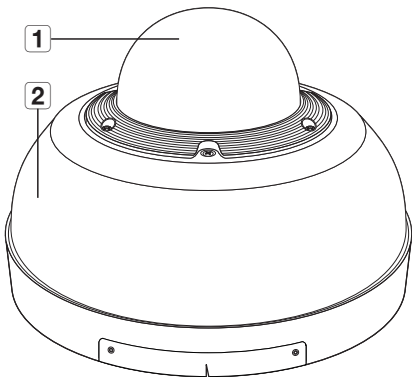
Wygląd	Nazwa elementu	Liczba	Opis
	Końcówka wiertarki	1	Służy do montażu/demontażu osłony kopuły i pokrywy gniazda karty SD (do narzędzi elektrycznych)
	Rdzeń ferrytowy	1	Służy do blokowania składowych wysokiej częstotliwości w zasilaniu i sygnału zakończenia emitowanego na zewnątrz. ■ Zalecane jest, aby przed użytkowaniem owinąć go 2-krotnie wokół przewodu zasilania i kabla LAN.

CO ZNAJDUJE SIĘ W OPAKOWANIU (MODUŁ OBIEKTYWU-OPCJONALNY)

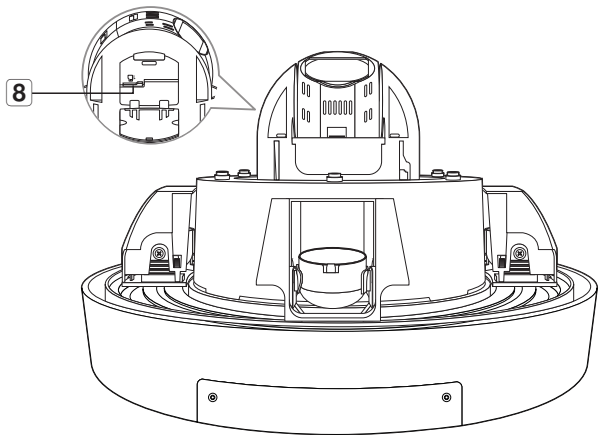
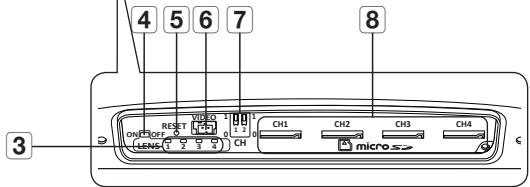
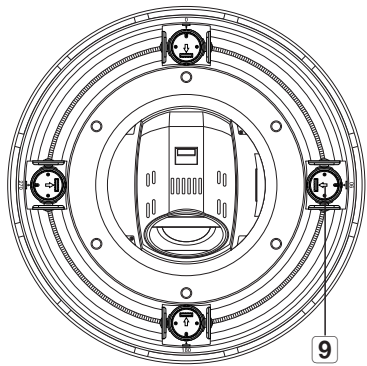
Wygląd	Nazwa elementu	Opis	Nazwa modelu
	Moduł obiektywu	Zamontowany w modelu PNM-9320VQP	SLA-2M2400P
			SLA-2M2800P
			SLA-2M3600P
			SLA-2M6000P
			SLA-2M1200P
			SLA-5M3700P
			SLA-5M4600P
			SLA-5M7000P

SPOJRZENIE NA KAMERĘ (PNM-9320VQP)

Wygląd



Komponentowy



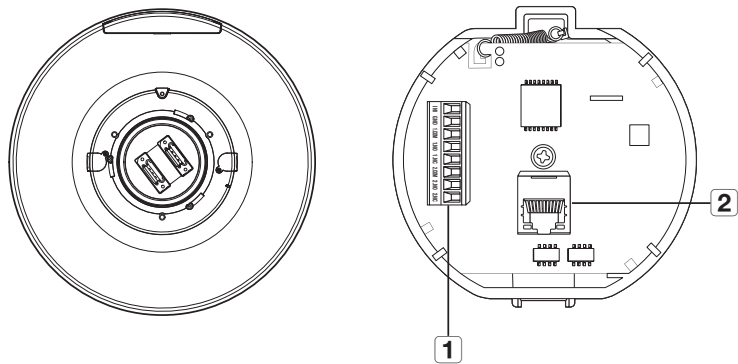
Element	Opis
1 Pokrywa kopułkowa	Osłona chroniąca obiektyw i urządzenie główne.
2 Osłona okienka	
3 Kontrolka modułu obiektywu (praca normalna: kolor zielony, praca nieprawidłowa: kolor czerwony)	Jeśli moduł obiektywu został zamontowany prawidłowo, zielona kontrolka LED zaświeci, a następnie zgaśnie po około 40 sekundach. (Pozwoli to uniknąć niepożądanych odbić).
4 Włącznik/wyłącznik zasilania	Przełącznik umożliwiający włączanie i wyłączanie produktu. ■ Używać tylko do wymiany modułu obiektywu.
5 Przycisk Reset	Ten przycisk przywraca wszystkie ustawienia kamery do wartości domyślnych. Naciśnij i przytrzymaj przez około 5 sekund, aby uruchomić system ponownie. ■ W przypadku zresetowania kamery ustawienia sieciowe zostaną dostosowane tak, aby możliwe było włączenie protokołu DHCP. Jeśli w sieci nie ma serwera DHCP, należy uruchomić program Device Manager, aby zmienić podstawowe ustawienia sieciowe, takie jak adres IP, maska podsieci, brama itp., zanim będzie można połączyć się z siecią.
6 Wyjście sygnału testowego monitora	Port wyjścia służący do testowego monitoringu wyjścia wideo. Przy użyciu przewodu testowego monitora podłącz do przenośnego wyświetlacza i sprawdź testowy obraz wideo.
7 Przełącznik typu DIP switch umożliwiający zmianę kanału	Zmiana ustawień przełączników typu DIP switch umożliwia określenie kanału, który ma być używany do wyświetlenia instalacji wideo. ■ Można sprawdzać tylko wideo modułu obiektywu 4-kanałowego, nie wideo funkcji PTZ.
8 Komora karty pamięci Micro SD	Komora na kartę pamięci Micro SD.
9 Część montażowa modułu obiektywu	To jest gniazdo umożliwiające montaż modułu obiektywu.

Strona montażowa

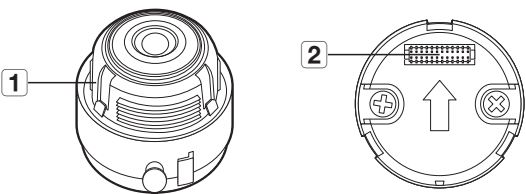
Wnętrze podstawy montażowej

SPOJRZENIE NA KAMERĘ (MODUŁ OBIEKTYWU)

Wygląd



Element	Opis
1 Zaciski we/wy alarmów	Zaciski do podłączania kabli we/wy alarmów.
2 Gniazdo połączeniowe sieci/zasilania	Gniazdo służące do podłączania zasilania i sieci za pośrednictwem kabla z wtykiem RJ45.



Element	Opis
1 Moduł obiektywu	To jest moduł obiektywu nagrywający wideo.
2 Złącze kamery	To jest gniazdo umożliwiające podłączenie kamery.

INSTALACJA

- Kamera jest wodoszczelna i spełnia wymogi IP66, z wyłączeniem przyłącza zewnętrznego kabla. Zaleca się montaż tego urządzenia pod okapem dachu, tak aby uchronić kabel przed działaniem warunków zewnętrznych.

Środki ostrożności przed montażem

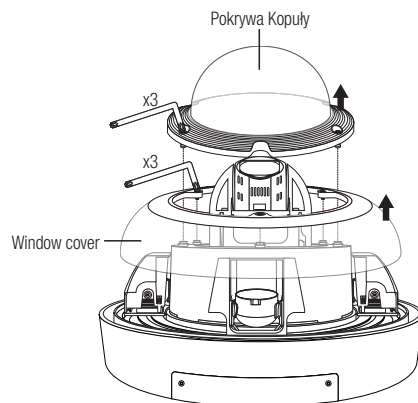
Przed przystąpieniem do montażu kamery należy przeczytać poniższe instrukcje:

- Wybierz miejsce instalacji, które może utrzymać pięciokrotną masę kamery.
- Zmiażdżone lub "gole" przewody mogą być przyczyną uszkodzenia urządzenia lub pożaru.
- Ze względów bezpieczeństwa nie należy dopuszczać innych osób w pobliże miejsca montażu. Na wszelki wypadek należy również odsunąć rzeczy osobiste personelu.
- Użycie zbyt dużej siły w celu montażu może doprowadzić do uszkodzenia kamery z powodu jej nieprawidłowego działania. Montaż przy użyciu siły i nieodpowiednich narzędzi może doprowadzić do uszkodzenia produktu.
- Nie instalować modułu obiektywu ani nie usuwać go, gdy urządzenie jest włączone.

Demontaż

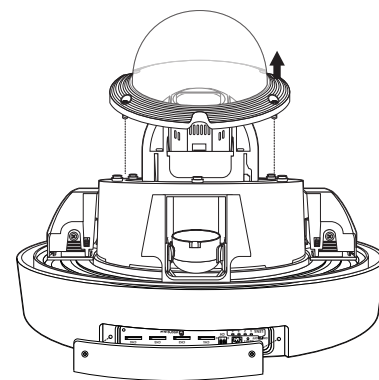
Kluczem torx lub końcówkami wkrętkarki poluzować śruby mocujące obracając je w lewo i zdjąć osłonę kopuły oraz okienka.

- Nie trzeba całkowicie wykręcać śrub z osłon.
- Osłonę kopuły należy zdejmować tylko w przypadku wkładania karty Micro SD funkcji PTZ. We wszystkich innych przypadkach nie należy zdejmować osłony kopuły.
- Podczas montażu modułu obiektywu należy zdemonstrować osłonę okienka. Nie trzeba zdejmować osłony kopuły.
- Ponieważ osłony kopuły i okienka są przezroczyste, nie ma kabla bezpieczeństwa. Należy zachować ostrożność, aby ich nie upuścić.



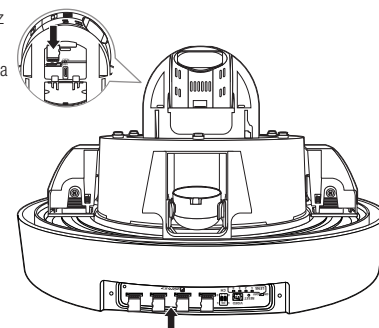
Wkładanie karty pamięci Micro SD

1. Kluczem torx lub końcówkami wkrętkarki odkręcić śruby osłony kopuły i pokrywy gniazda karty SD, a następnie zdjąć je.



2. Umieścić kartę Micro SD w kierunku wskazywanym przez strzałkę na rysunku.

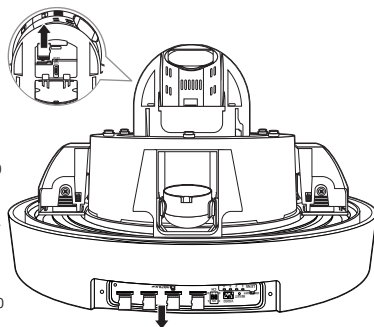
- Przed włożeniem karty pamięci Micro SD odłączyć kabel zasilania od kamery.
- Nie wolno na siłę wkładać karty pamięci Micro SD w odwrotnym kierunku. Może się uszkodzić lub spowodować uszkodzenie produktu.
- W przypadku deszczu lub wysokiej wilgotności wkładanie i wyjmowanie karty Micro SD nie jest zalecane.
- Pokrywa produktu powinna być zdemonstrowana w ciągu maksymalnie 5 minut. W przeciwnym razie wystąpi ryzyko skraplania się pary wodnej we wnętrzu urządzenia.
- Podczas wkładania karty Micro SD funkcji PTZ należy zdemonstrować osłonę kopuły.



Wymowanie karty pamięci Micro SD

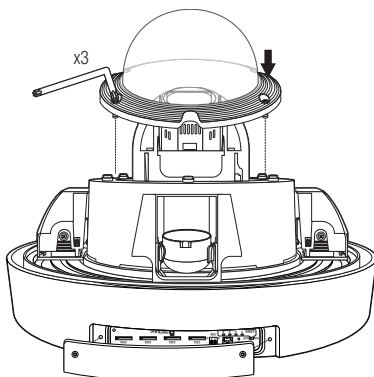
1. Aby wysunąć kartę pamięci z gniazda, delikatnie naciśnij wystającą jej część tak, jak to jest widoczne na schemacie.

- ! Kartę SD dla każdego kanału należy chronić przed uszkodzeniem.
- Pamiętaj, że silne wciśnięcie i zwolnienie wysuniętej karty Micro SD może spowodować jej wypadnięcie.
- Przed wyjęciem karty pamięci Micro SD w obszarze <Pamięć> dla urządzenia wybierz ustawienie <Wyl.>, naciśnij przycisk [Zastosuj] i wyłącz kamerę.
- W przypadku wyłączenia kamery lub wyjęcia karty pamięci Micro SD, która zawiera dane z produktu, dane te mogą ulec utracie lub zniszczeniu.



2. Kluczem torx lub końcówkami wkrętki wkręć śruby osłony kopuły i pokrywy gniazda karty SD.

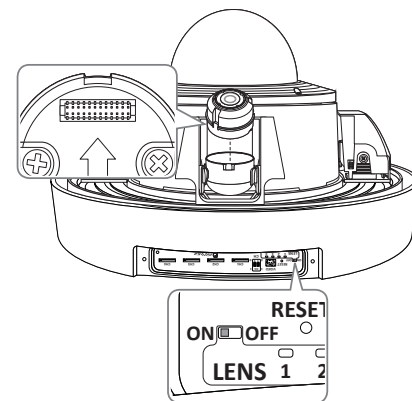
- ! Kluczem torx lub końcówkami wkrętki dokręć śruby mocujące, aby uniemożliwić wnikanie wody i uszkodzenie produktu.



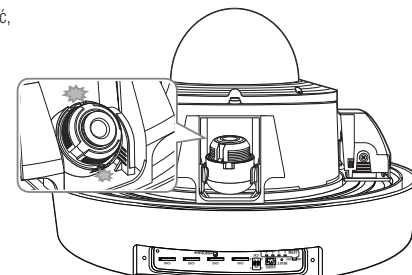
Montaż modułu obiektywu

1. Dopasuj i połącz złącze modułu obiektywu ze złączem na korpusie kamery.

- ! Zainstaluj moduł obiektywu, gdy nie jest podłączone zasilanie (HPoE).
- Przed montażem modułu obiektywu upewnij się, że przełącznik zasilania jest w pozycji „OFF”. Wymiana, gdy przełącznik jest w pozycji „ON”, może spowodować usterkę.
- Nie dotykaj obiektywu, ponieważ został dostarczony z ostrością ustawioną fabrycznie podczas kontroli produkcyjnej.



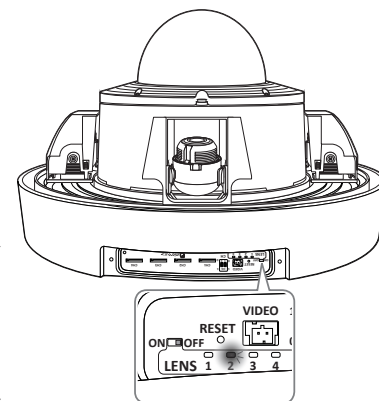
- Podczas wkładania modułu obiektywu należy go docisnąć, aż górne/dolne „zaczepty” się zatrzasną.



2. Zakończ proces montażu obiektywu.

3. Podłącz zasilanie do urządzenia (HPoE).

- ! Jeśli moduł obiektywu został zamontowany nieprawidłowo, zaświeci czerwona kontrolka LED, jak pokazano na ilustracji. W takiej sytuacji wyłącz zasilanie i zamontuj moduł obiektywu ponownie. W przypadku prawidłowego montażu zielona kontrolka LED zaświeci, a następnie zgaśnie po około 40 sekundach.
- Jeśli chcesz wymienić moduł obiektywu w trakcie podłączania zasilania do produktu (HPoE), ustaw przełącznik na pozycji „OFF”, wymień moduł obiektywu, a następnie ustaw przełącznik na pozycji „ON”.
- Nie należy używać żadnych narzędzi z ostrą końcówką w celu naciśnięcia przełącznika, gdyż ten może się uszkodzić.
- Nie należy mocno dociskać przełącznika, aby go nie uszkodzić.



Przygotowanie i instalacja uchwytu kamery

Instrukcje dotyczące montażu uchwytów i obudów dostępne są w instrukcji instalacji dołączonej do uchwytu lub obudowy.

■ Dostępne modele uchwytów

Model	Opcja
SBP-390WM2	Montaż ścienny
SBP-300CM	Uchwyt sufitowy
SBP-300LM	Montaż na gzymsie
SBP-300KM	Montaż narożnikowy
SBP-300PM	Montaż na słupie

■ Aby sprawdzić wygląd każdego uchwytu (nie dołączonego do zestawu), patrz „Opcjonalne akcesoria instalacyjne”, (strona 17)

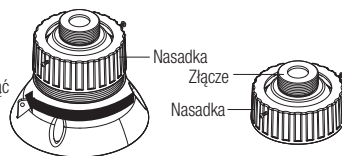
Montowanie do zasilacza (kupowany oddzielnie)

Wybierz i kup wymaganą opcję z poniższych (kupowane oddzielnie), w zależności od miejsca montażu lub własnych preferencji.

W przypadku osobno sprzedawanych produktów patrz „Opcjonalne akcesoria instalacyjne” (strona 17).

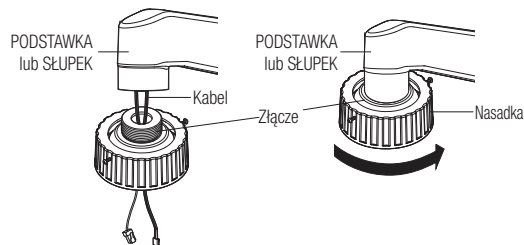
1. Obrócić nasadkę w kierunku wskazanym przez strzałkę, aby oddzielić osłonę od złącza.

■ Jeżeli moduł SFP nie jest używany w trakcie montażu, można pominąć punkty 1–6 z procedury montażu.



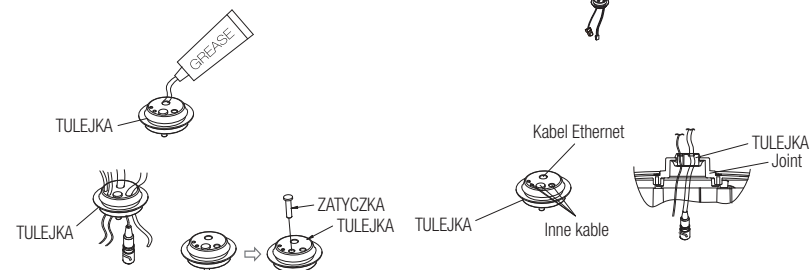
2. Przełożyć nieosłonięty kabel na zewnątrz podstawki lub słupka poprzez złącze.

3. Obrócić złącze w kierunku wskazanym przez strzałkę, aby połączyć obie części.

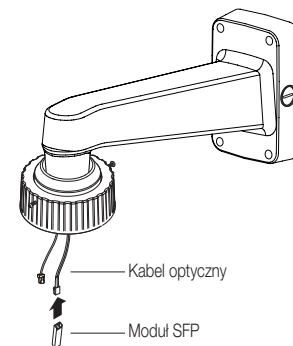


■ W przypadku gdy produkt jest zainstalowany w miejscu, w którym wilgoć może przenikać z zewnątrz przez podstawkę lub słupkę, należy zastosować dodatkową tulejkę, aby uniemożliwić przenikanie wilgoci.

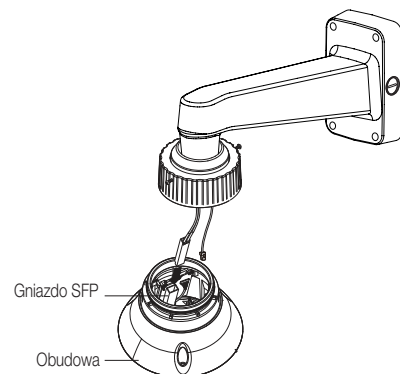
- Tulejkę należy powlec smarem i podłączyć kabel do właściwego otworu tulei. Zaślepić pozostałe otwory zatyczkami.
- Równomiernie nacisnąć tulejkę, aby dokładnie wcisnąć ją w „złącze”, jak pokazano na rysunku przekroju.



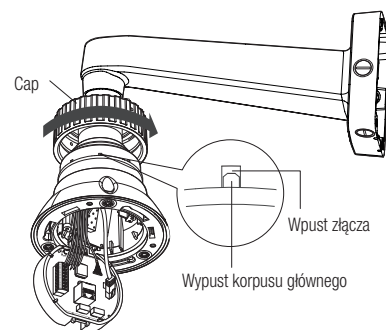
4. Podłączyć kabel optyczny do modułu SFP.



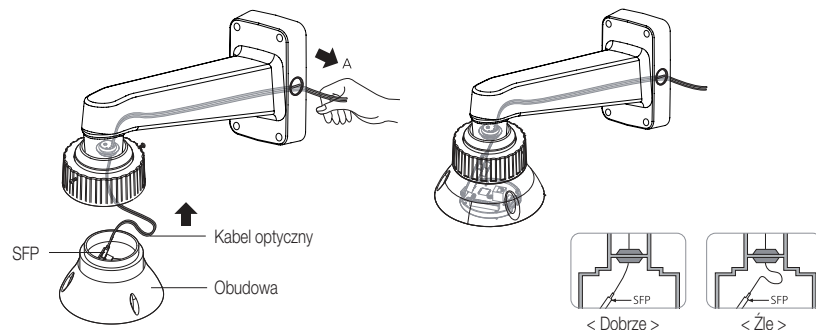
5. Zamocować moduł SFP w gnieździe SFP w korpusie głównym.



6. Połączyć wypust korpusu głównego z wpustem złącza, dopasowując kształty, a następnie spiąć je razem przez obrócenie nasadki w kierunku wskazanym przez strzałkę.

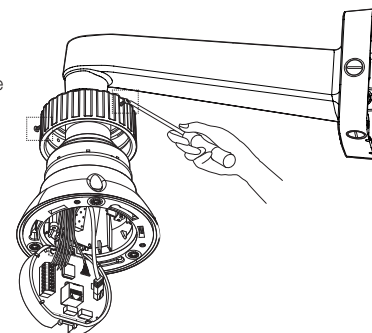


- ! ■ Mocując dwie części, pociągnąć kabel optyczny od zewnątrz tak, aby wewnątrz nie był powyginany.



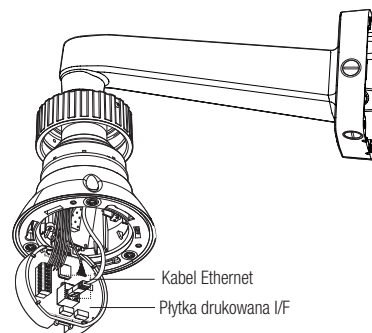
7. Wkręcić śruby po obu stronach nasadki w odwrotnym kierunku tak, aby zapobiec obluźwaniu się nasadki w przeciwnym kierunku. (Śruby nie są wkręcane całkowicie do wewnątrz, jedynie na określoną długość).

- ! ■ Nawet jeżeli moduł SFP nie jest podłączany, należy mocno dokręcić NASADKĘ, aby uniemożliwić wnikanie wody. Nie jest dokręcana fabrycznie przed wysyłką.

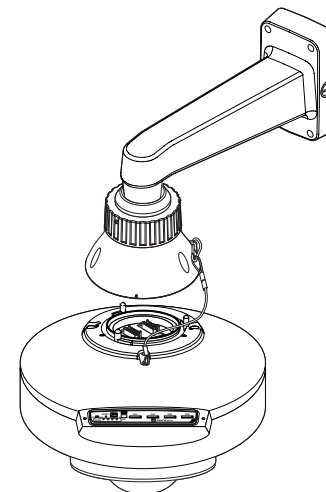


8. Podłączyć kabel Ethernet do płytki drukowanej we/ wy.

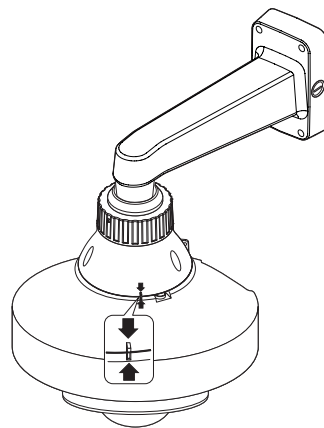
- ! ■ Aby zapewnić bezproblemową integrację z kamerą z funkcjami PTZ, należy zwrócić uwagę na jej kształt i formę. (Po połączeniu kamery kabel może się zaplątać w trakcie obracania płytki drukowanej I/F).



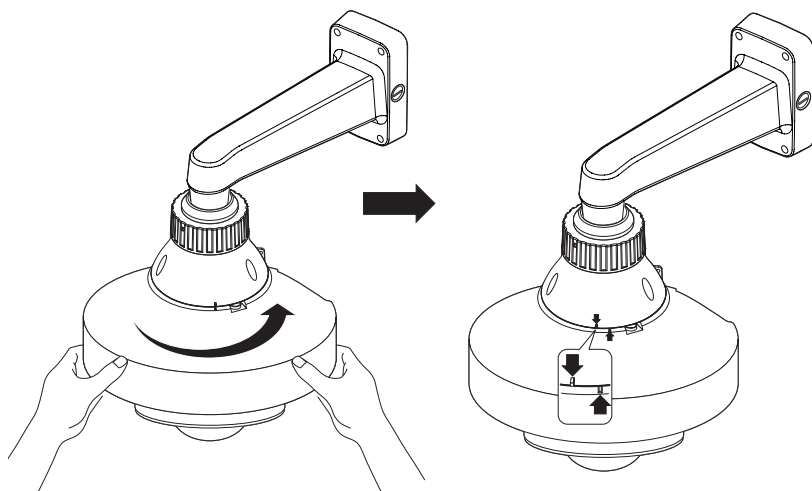
9. Po zamocowaniu płytki drukowanej I/F do korpusu zamocować kabel bezpieczeństwa korpusu kamery do podstawy montażowej.



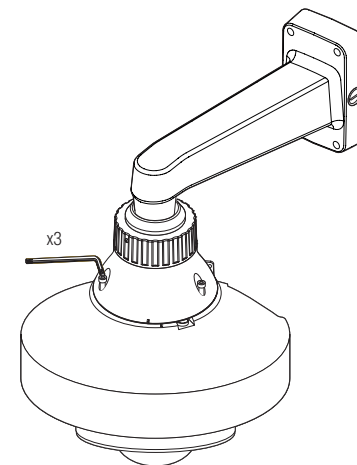
10. Połączyć podstawę montażową i korpus główny kamery przez spasowanie znaków w postaci strzałek odniesienia.



11. Obrócić kamerę w kierunku wskazanym przez strzałkę, aby znaki odniesienia na górze i na dole przedstawiały taki sam obraz jak z prawej strony.



12. Użyć klucza imbusowego, aby zamocować kamerę do podstawy montażowej.



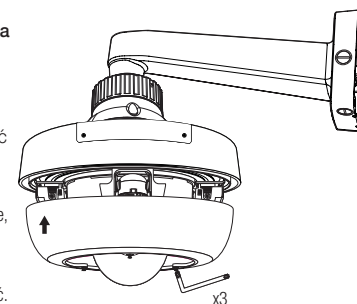
13. Ustaw obiektyw w wybranym kierunku, zapoznając się z opisem w rozdziale „**Ustawianie kierunku monitorowania kamery**”. (strona 18)

- Po wychyleniu obiektywu może zająć konieczność ustawienia go, ponieważ obiektyw może zasłaniać ekran.

14. Użyć klucza torx lub końcówki wkrętarki, aby zamocować osłonę okienka.



- Kluczem torx lub końcówkami wkrętarki dokręcić śruby mocujące, aby uniemożliwić wnikanie wody i uszkodzenie produktu.
- Ponieważ osłona okienka jest przezroczysta, nie ma kabla bezpieczeństwa. Należy zachować ostrożność, aby jej nie upuścić.



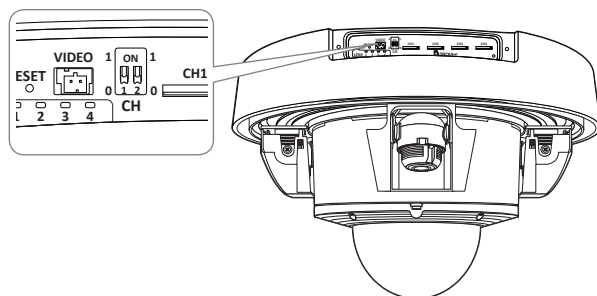
Konfiguracja kanałów monitorowania instalacji

Korpus kamery wyposażony jest w przełącznik typu DIP kanałów, jak pokazano na ilustracji.

Przełączniki typu DIP umożliwiają przełączanie kanałów kamery.

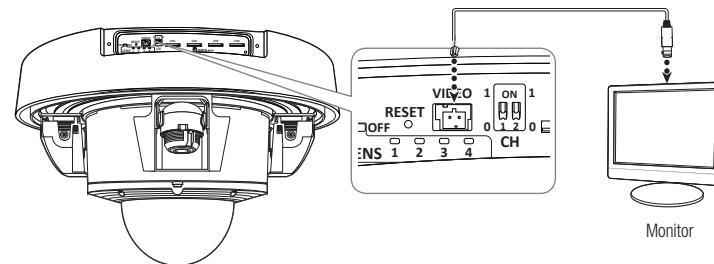
CH1	CH2	CH3	CH4
00	01	10	11

- Jeśli przełącznik typu DIP nie zostanie ustawiony w skrajnej pozycji Wł./wył., produkt może działać nieprawidłowo. Po zakończeniu montażu sprawdź znajdujące się z tyłu przełączniki typu DIP.
- Zachowaj szczególną ostrożność, ponieważ obsługa przełącznika typu DIP ostrym narzędziem może spowodować jego uszkodzenie.
- Zachowaj szczególną ostrożność, ponieważ obsługa przełącznika typu DIP przy użyciu nadmiernej siły może spowodować jego uszkodzenie.



Podłączenie monitora instalacyjnego

Połączyć gniazdo wyjściowe wideo tego produktu z gniazdem wejściowym video monitora.



- Połączenie różni się w zależności od rodzaju monitora i urządzeń peryferyjnych, należy zapoznać się z instrukcją obsługi poszczególnych urządzeń.
- Przed podłączeniem urządzeń upewnij się, że monitor i kamera są wyłączone.

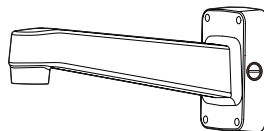
- Ten produkt to kamera sieciowa, która przekazuje obraz w sieci, złącze wyjścia wideo kamery służy do ustawiania zakresu kamery podczas instalacji.
- Zastosowania wyjścia do celów monitoringu może powodować problemy, np. pogorszenie jakości obrazu.
- Nie nadaje się do 24 godzinnego monitoringu z wykorzystaniem profesjonalnych monitorów CRT bądź przenośnych monitorów TFT/LCD.
- Do 24 godzinnego monitoringu i zapisu skorzystaj z ekranu transferu sieciowego.
- Można sprawdzać tylko wideo modułu obiektywu 4-kanałowego, nie wideo funkcji PTZ.

Opcjonalne akcesoria instalacyjne

W celu ułatwienia instalacji można zakupić odpowiednie opcjonalne akcesoria.

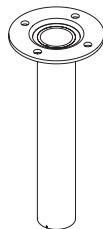
1. Do instalacji kamery na ścianie

- Montaż ścienny (SBP-390WM2)



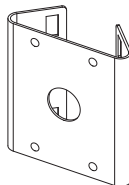
2. Do instalacji kamery na suficie

- Uchwyt sufitowy (SBP-300CM)
Podczas montażu wspornika sufitowego zaleca się umieszczenie go przynajmniej 30 cm od ściany boczne



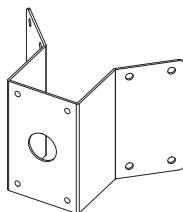
3. Do instalacji uchwyty ściennego (SBP-390WM2) na kołku o długości przynajmniej 80mm

- Montaż na słupie (SBP-300PM)



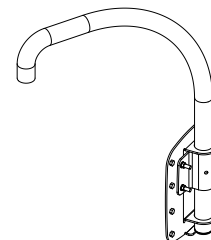
4. Do instalacji uchwyty ściennego (SBP-390WM2) na rogu ściany

- Montaż narożnikowy (SBP-300KM)

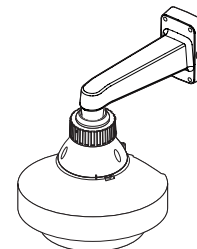


5. Do instalacji na dachu budynku

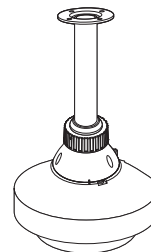
- Montaż na gzymsie (SBP-300LM)



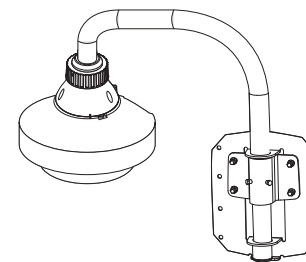
▪ Połączenie montażowe



Montaż ścienny (SBP-390WM2)



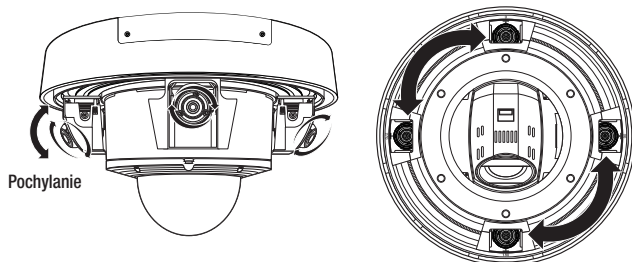
Uchwyt sufitowy (SBP-300CM)



Montaż na gzymsie (SBP-300LM)

Regulacja kierunku monitorowania kamery

Przesuwanie modułu kamery (panoramowanie)



Ustawianie kierunku monitorowania

Kierunek kamery można wyregulować dopiero, gdy kamera jest zamocowana na suficie. Czynność przesuwania modułu kamery nazywa się "Panoramowaniem", regulacji kąta "Wychylaniem", a obracania obiektywu wzdłuż osi "Obracaniem".

- Kąt obrotu przy panoramowaniu może wynosić od -90° do $+90^\circ$ dla każdego modułu.
- Kąt obrotu przy obracaniu może wynosić od -180° do $+180^\circ$.
- Kąt obrotu przy wychylaniu różni się w zależności od obiektywu. Patrz tabela poniżej.



- Zwrócić uwagę na orientację przestrzenną zespołu.
- Nie wolno panoramować po określonym kącie obrotu. Może to spowodować uszkodzenie kabla, a w rezultacie nieprawidłowe działanie produktu.

Metody regulacji

- Po zainstalowaniu kamery z uwzględnieniem kierunku monitorowania, wyreguluj kąt panoramowania wzdłuż dolnej szyny.
- Dostosuj kąt poziomy, aby podczas obrotu uniknąć zjawiska odwrócenia obrazu.
- Dostosuj kąt pochylenia, aby obiektyw skierowany był w stronę monitorowania.

Zakres kąta wychylania dla każdego modułu obiektywu

Nazwa modułu obiektywu	SLA-2M2400P	SLA-2M2800P	SLA-2M3600P	SLA-2M6000P	SLA-2M1200P	SLA-5M3700P	SLA-5M4600P	SLA-5M7000P
Montaż zwykły	$52^\circ \sim 56^\circ$	$26^\circ \sim 80^\circ$	$22^\circ \sim 84^\circ$	$10^\circ \sim 95^\circ$	$10^\circ \sim 97^\circ$	$36^\circ \sim 73^\circ$	$21^\circ \sim 85^\circ$	$12^\circ \sim 93^\circ$
Do widoku HallywayView	Nieobsługiwane	$37^\circ \sim 70^\circ$	$33^\circ \sim 73^\circ$	$17^\circ \sim 88^\circ$	$12^\circ \sim 92^\circ$	$45^\circ \sim 62^\circ$	$38^\circ \sim 74^\circ$	$21^\circ \sim 85^\circ$

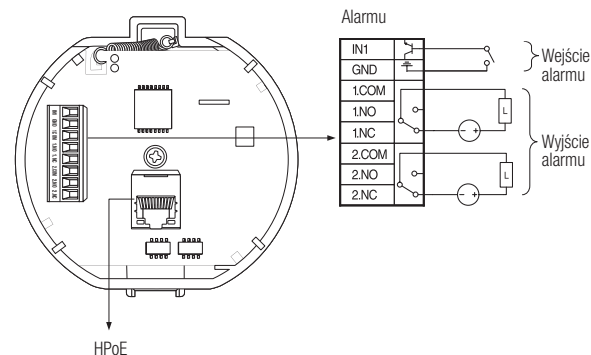


- Montaż poza dozwolonym zakresem kąta może spowodować częściowe przesłonięcie widoku w rogu monitora.

PODŁĄCZANIE INNEGO URZĄDZENIA

Płytkę połączeń elektrycznych kamery

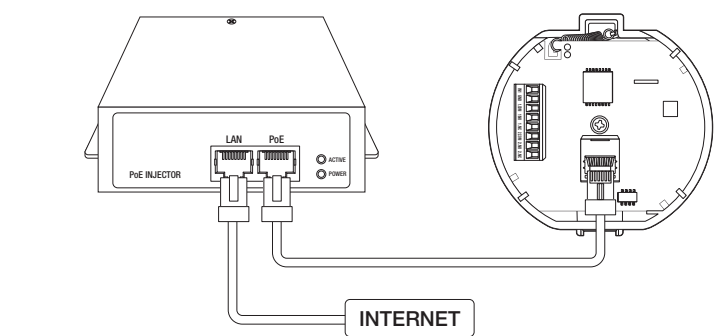
Aby poprowadzić przewody kamery, patrz poniższy rysunek.



- Kiedy wyjście alarmu jest podłączone jako zwierne:
 - Wejście czujnika działa, gdy jest zwarte w przypadku typu punktowego, lub na poziomie „NISKI” w przypadku typu aktywnego.
- Maksymalna moc gniazda wyjścia alarmu to 30 V DC/2 A, 125 V AC/0,5 A i 250 V AC/0,25 A.
- Podłączając przewody wejścia i wyjścia alarmu należy podłączyć odpowiednio po jednym przewodzie do poszczególnych zacisków.
- Aby podłączyć produkty o zasilaniu wyższym niż zasilanie kamery, należy użyć dodatkowego urządzenia przekątnikowego.
- Nieprawidłowe podłączenie styku GND ze stykiem NC/NO oraz portem COM może spowodować pożar lub uszkodzenie produktu.

Zasilanie i sieć

Podłącz urządzenie PoE do terminala PoE kamery.



! Należy używać zgodnego adaptera stosownie do zasilania urządzenia.

Specyfikacja kabla sieciowego

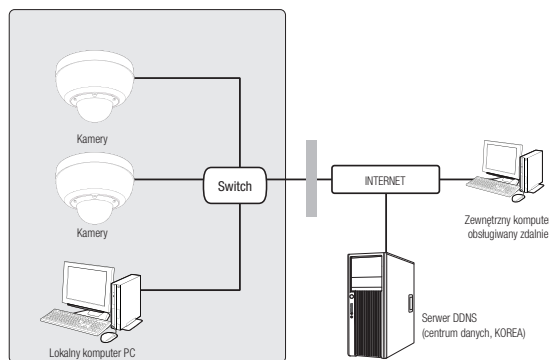
Przedmiot	Zawartość	Uwagi
Łącze	RJ45 (10/100/1000BASE-T)	
Ethernet	10/100/1000BASE-T	W celu obsługi standardu 1000BASE-T w przypadku koncentratora gigabitowego należy użyć przewod o standardzie UTP-6 lub wyższym.
Kabel	UTP Kategoria 6	
Odległość maks.	100M	Oporność pr. stałego ≤ 0,125 Ω/m
Obsługa HPoE	HPoE	

Można skonfigurować ustawienia sieciowe zgodnie z charakterystyką sieci użytkownika.

PODŁĄCZANIE KAMERY BEZPOŚREDNIO DO SIECI LOKALNEJ

Podłączanie do kamery lokalnego komputera PC przyłączonego do sieci lokalnej

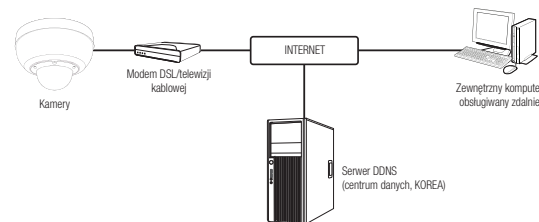
1. Uruchom na lokalnym komputerze PC przeglądarkę internetową.
2. Na pasku adresu przeglądarki wpisz adres IP kamery.



<Sieć lokalna>

- Zdalny komputer PC podłączony do zewnętrznej sieci Internet poza siecią lokalną może nie połączyć się z kamerą podłączoną do intranetu, jeśli przekazywanie portów nie zostanie prawidłowo ustawione lub gdy działa zaporą. W takim wypadku, aby rozwiązać problem, należy skontaktować się z administratorem sieci.
- Domyślnym ustawieniem fabrycznym jest automatyczne przydzielanie adresu IP przez serwer DHCP. Jeśli serwer DHCP nie jest dostępny, adres IP zostanie ustawiony na 192.168.1.100. Aby zmienić adres IP, użyj programu Device Manager. Aby uzyskać więcej informacji nt. korzystania z programu Device Manager, patrz „Korzystanie z programu Device Manager”. (Strona 21)

PODŁĄCZANIE KAMERY BEZPOŚREDNIO DO MODEMU DSL/TELEWIZJI KABLOWEJ OPARTEGO NA PROTOKOLE DHCP



1. Połączenie użytkownika PC bezpośrednio z kamerą sieciową.
2. Uruchom program Device Manager i zmierz adres IP kamery, aby móc korzystać z przeglądarki internetowej na pulpicie, aby połączyć się z internetem.
3. Uzyskaj połączenie z przeglądarką Web Viewer za pomocą przeglądarki internetowej.
4. Przejdź do strony **[Ustawienia]**.
5. Przejdź do opcji **[Sieć] – [DDNS]** i skonfiguruj ustawienia DDNS.
6. Przejdź do **[Basic] – [IP & Port]** i ustaw typ IP do **[DHCP]**.
7. Podłącz odłączoną od komputera kamerę, bezpośrednio do modemu.
8. Uruchom kamerę ponownie.



- Informacje na temat sposobu konfiguracji DDNS można znaleźć w systemie pomocy online przeglądarki Web Viewer.
- Informacje na temat sposobu ustawiania formatu IP można znaleźć w systemie pomocy online przeglądarki Web Viewer.

KORZYSTANIE Z PROGRAMU DEVICE MANAGER



- Program Device Manager można pobrać z menu <Technical Guides> – <Online Tool> w witrynie Hanwha Techwin (<http://www.hanwha-security.com>).
- Więcej instrukcji programu Device Manager można znaleźć w menu <Pomoc> na stronie głównej.

AUTOMATYCZNE WYSZUKIWANIE KAMERY

Jeśli kamera jest podłączona do tej samej sieci komputera PC, na którym jest zainstalowany Device Manager, możesz znaleźć kamerę sieciową za pomocą funkcji wyszukiwania.

- Kliknij <Wyszukaj> na stronie głównej programu Device Manager.
- Sprawdź kamerę z listy.
 - Sprawdź adres MAC na naklejce dołączonej do kamery.

KONFIGUROWANIE ADRESU IP

Jeśli chcesz zmienić ustawienia sieci kamery, znak <Logowanie OK> musi być widoczny w <Status>. Kliknij <Uwierzytelnianie> na stronie głównej, aby się zalogować.

Konfigurowanie statycznego IP

Ręcznie wstaw i skonfiguruj adres IP i informacje o porcie.

- Kliknij kamerę z listy dla której chcesz zmienić ustawienia IP.
- Kliknij <IP Assign (Przypisz IP)> na stronie głównej programu Device Manager.
- Wybierz <Przypisz następujący adres IP>.
 - Informacje IP kamery zostaną wyświetlone zgodnie z poprzednim ustawieniem.
- Wypełnij kategorie związane z IP & Port.

Jeżeli nie jest używany Ruter szerokopasmowy

Zapytaj o ustawioną wartość menedżera sieci <Adres IP>, <Maska podsieci>, <Brama>.

- HTTP Port : Umożliwia dostęp do kamery za pomocą przeglądarki internetowej; domyślna wartość to 80.
- RTSP Port : Port sterujący strumieniowaniem w czasie rzeczywistym. Początkowa wartość to 554.

Jeżeli używany jest Ruter szerokopasmowy

- IP Address : Wpisz adres mieszczący się w zakresie IP podanym przez Ruter szerokopasmowy.
Np. 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : Opcja <Subnet Mask> Ruter szerokopasmowy będzie także stanowić <Subnet Mask> kamery.
- Gateway : Opcja <Local IP Address> Ruter szerokopasmowy będzie także stanowić <Gateway> kamery.



- Ustawienia mogą być różne, w zależności od Ruter szerokopasmowy. Aby uzyskać więcej informacji, patrz instrukcja obsługi odpowiedniego rutera.
- Aby uzyskać więcej informacji na temat przekierowywania portu rutera szerokopasmowego, patrz część "Konfigurowanie Przekazywania Zakresu Portów (Mapowania Portów)", (Strona 23)

Jeżeli do Ruter szerokopasmowy jest podłączonych więcej niż jedna kamera

Skonfiguruj ustawienia powiązane z adresem IP oraz portem osobno.

Np.

	Kategoria	Kamera 1	Kamera 2
Ustawienia związane z 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
Ustawienia związane z portem	HTTP Port	8080	8081
	RTSP Port	554	555



- Jeżeli opcja <HTTP Port> ma inną wartość niż 80, należy podać numer <Port> w pasku adresu przeglądarki internetowej, aby móc uzyskać dostęp do kamery.
Np. <http://Adres IP; port HTTP>
<http://192.168.1.100:8080>

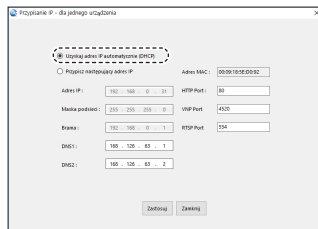
- Kliknij przycisk [Zastosuj].
- Jeśli wyświetlona zostanie wiadomość o powodzeniu, kliknij [OK].

Konfigurowanie dynamicznego IP

Odbierz adres IP z DHCP.

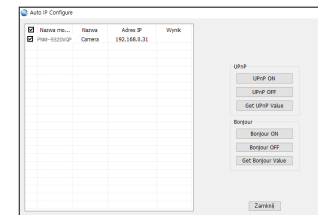
- Przykład środowiska dynamicznego IP
 - Jeżeli do Ruter szerokopasmowy IP z podłączonymi kamerami zostanie przypisany adres IP przez serwer DHCP
 - Jeżeli kamera zostanie podłączona bezpośrednio do xDSL lub modemu kablowego za pomocą protokołów DHCP
 - Jeżeli adresy IP są przypisywane przez wewnętrzny serwer DHCP przez sieć LAN

1. Kliknij kamerę z listy dla której chcesz zmienić ustawienia IP.
2. Kliknij **<IP Assign (Przypisz IP)>** na stronie głównej programu Device Manager.
3. Wybierz **<Uzyskaj adres IP automatycznie (DHCP)>**.
4. Kliknij przycisk **[Zastosuj]**.
5. Jeśli wyświetlona zostanie wiadomość o powodzeniu, kliknij **[OK]**.



AUTOMATYCZNA KONFIGURACJA IP

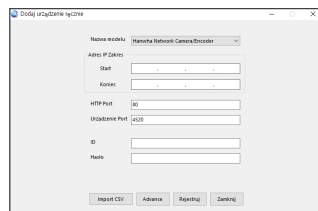
1. Kliknij kamerę z listy dla której chcesz automatycznie skonfigurować IP.
2. Kliknij **< + >** na głównej stronie programu Device Manager.
 - Pojawi się menu ustawień sprzętu.
3. W menu kliknij **<Auto IP Configure (Auto konfiguracja IP)>**.
4. Kliknij przycisk **[Zamknij]**.



RĘCZNA REJESTRACJA KAMERY

Jeśli nie można znaleźć kamery za pomocą funkcji wyszukiwania, kamerę można zarejestrować zdalnie, ręcznie wprowadzając informacje o IP, jeśli kamera jest podłączona do sieci zewnętrznej.

1. Kliknij **<Dodaj urządzenia>** – **<Dodaj urządzenie ręcznie>** na stronie głównej programu Device Manager.
2. Wstaw zakres szukanego adresu IP.
3. Wybierz **<Nazwa modelu>** zarejestrowanej kamery i wstaw port HTTP, ID oraz hasło.
4. Kliknij przycisk **[Rejestruj]**.
5. Sprawdź, czy kamera jest zarejestrowana.
 - Sprawdź adres MAC na naklejce dołączonej do kamery.

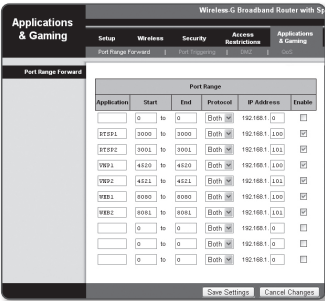


KONFIGUROWANIE PRZEKAZYWANIA ZAKRESU PORTÓW (MAPOWANIA PORTÓW)

Jeżeli zainstalowany jest Ruter szerokopasmowy z podłączoną kamerą, należy ustawić przekazywanie zakresu portów na Ruter szerokopasmowy, aby zdalny komputer mógł uzyskać dostęp do kamery za jego pośrednictwem.

Ręczne przekazywanie zakresu portów

- 1. Z menu Konfiguracja Ruter szerokopasmowy, wybierz opcję <Applications & Gaming> - <Port Range Forward>. W celu ustawienia przekazywania zakresu portów dla routera innego producenta należy zapoznać się z instrukcją obsługi tego Routera szerokopasmowego.
- 2. Wybierz opcję <TCP> oraz <UDP Port> dla każdej kamery podłączonej do Routera szerokopasmowego. Numer każdego portu, który ma zostać skonfigurowany do routera IP, należy ustawić zgodnie z numerem portu określonym w menu <Ustawienia> - <Basic> - <IP & Port> w przeglądarce Web Viewer kamery.
- 3. Po zakończeniu kliknij opcję [Save Settings]. Ustawienia zostaną zapisane.

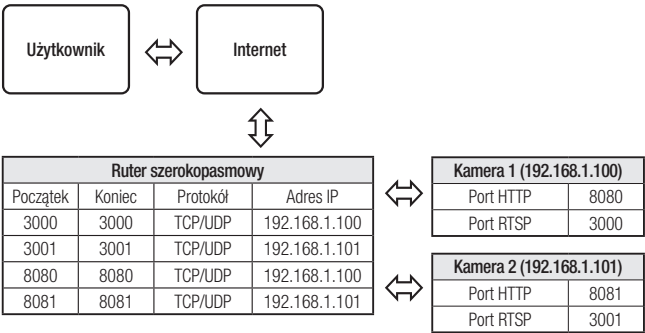


- Ustawienie przekierowania portu jest przykładem ustawienia routera IP CISCO.
- Ustawienia mogą być różne, w zależności od Routera szerokopasmowego. Aby uzyskać więcej informacji, patrz instrukcja obsługi odpowiedniego routera.

Konfigurowanie opcji Przekazywanie zakresu portów dla kilku kamer sieciowych

- Użytkownik może ustawić przekierowanie portu na Ruter szerokopasmowy na stronie internetowej konfiguracji.
- Użytkownik może zmienić każdy port za pomocą ekranu ustawień kamery.

W przypadku podłączenia Kamery 1 i Kamery 2 do routera :



- Przekierowanie portów może zostać ustawione bez dodatkowych ustawień routera, jeżeli router obsługuje funkcję UPnP (Universal Plug and Play). Po podłączeniu kamery sieciowej zaznacz pole wyboru w menu <Szybkie podłączenie> w oknie <Wisenet DDNS> w "Ustawieniach -> Sieć -> DDNS".

PODŁĄCZANIE DO KAMERY ZA POMOCĄ UDOSTĘPNIONEGO LOKALNEGO KOMPUTERA

1. Uruchom program Device Manager.
Aplikacja wyszuka podłączone kamery i wyświetli je w postaci listy.
2. Kliknij dwukrotnie kamerę, aby uzyskać do niej dostęp.
Zostanie uruchomiona przeglądarka internetowa i nastąpi połączenie z kamerą.



- Do kamery można przejść także wpisując adres IP znalezionej kamery w pasku adresu przeglądarki internetowej.

PODŁĄCZANIE DO KAMERY ZE ZDALNEGO KOMPUTERA PRZEZ INTERNET

Na komputerze zdalnym, który nie znajduje się w klanstrze sieciowym routera szerokopasmowego, użytkownicy mogą uzyskać dostęp do kamer w sieci routera szerokopasmowego, używając DDNS URL kamery.

1. Aby możliwe było uzyskanie dostępu do kamery w sieci Ruter szerokopasmowy, należy ustawić przekazywanie zakresu portów Ruter szerokopasmowy.
2. Na zdalnym komputerze uruchom przeglądarkę internetową i wpisz adres URL DDNS kamery lub adres Ruter szerokopasmowy szerokopasmowy w pasku adresu.
Np. <http://ddns.hanwha-security.com/ID>

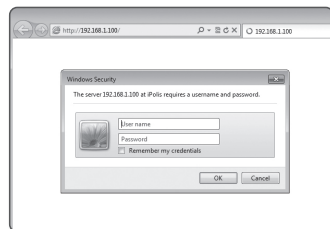


- Aby korzystać z Wisenet DDNS, zarejestruj się na stronie głównej Wisenet DDNS (<http://ddns.hanwha-security.com>) i zarejestruj produkt w [Moje DDNS]> [Zarejestruj Produkt].

PODŁĄCZANIE DO KAMERY

Zazwyczaj należy postępować w następujący sposób

1. Uruchom przeglądarkę internetową.
2. Wpisz adres IP kamery w pasku adresu.
np. • Adres IP (IPv4) : 192.168.1.100 → http://192.168.1.100
- powinno zostać wyświetlone okno dialogowe.
• Adres IP (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff:0000:0000:ffff:1111] - powinno zostać wyświetlone okno dialogowe.



Jeśli port http jest inny niż 80

1. Uruchom przeglądarkę internetową.
2. Wpisz adres IP i numer portu HTTP kamery w pasku adresu.
np. Adres IP : 192.168.1.100:numer portu HTTP (8080)
→ http://192.168.1.100:8080 - powinno zostać wyświetlone okno dialogowe logowania.

Za pomocą URL

1. Uruchom przeglądarkę internetową.
2. Wpisz adres URL DDNS kamery w pasku adresu.
np. Adres URL : http://ddns.hanwha-security.com/ID
- powinno zostać wyświetlone okno dialogowe logowania.



- Połączenie sieciowe jest wyłączone w środowisku ograniczonym do LAN.

Połączenie przez UPnP

1. Uruchomić klienta lub system operacyjny obsługujący protokół UPnP.
2. Aby wyszukać, kliknąć w nazwę kamery.
W systemie Windows, kliknąć w nazwę kamery wyszukaną w menu sieciowym.
- Okno logowania jest otwarte.

Połączenie przez Bonjour

1. Uruchomić klienta lub system operacyjny obsługujący protokół Bonjour.
2. Aby wyszukać, kliknąć w nazwę kamery.
W Mac SO kliknąć w nazwę kamery wyszukaną w zakładce Bonjour na Safari.
- Okno logowania jest otwarte.

Sprawdzanie adresu DDNS

Jeśli kamera została podłączona bezpośrednio do przewodowego modemu DHCP lub DSL, adres IP będzie zmieniał się przy każdej próbie połączenia się z infrastrukturą dostawcy internetowego (firmy, z którą została podpisana umowa o świadczenie usług komunikacyjnych).

W takim przypadku użytkownik nie będzie informowany o zmianie adresu IP przez DDNS.

Po zarejestrowaniu urządzenia z dynamicznym adresem IP w serwerze DDNS można bezpiecznie sprawdzić zmieniony adres IP podczas uzyskiwania dostępu do urządzenia. Aby zarejestrować urządzenie na serwerze <DDNS>, najpierw wejdź na stronę <http://ddns.hanwha-security.com> i zarejestruj urządzenie, a następnie dla opcji <Sieć> - <DDNS> przeglądarki Web Viewer wybierz ustawienie <Wisenet DDNS> oraz podaj <ID produktu> używane do rejestracji DDNS.

USTAWIENIA HASŁA

Pierwsze użycie produktu wiąże się z koniecznością rejestracji loginu i hasła.

Po pojawieniu się okna **"zmiana hasła"** wprowadzić nowe hasło.

- Nowe hasło powinno mieć 8 do 9 znaków długości, w tym 3 znaki wielkie/małe, cyfry i znaki specjalne. Dla hasła 10 do 15 znaków wystarczy 2 znaki wskazane wyżej.
 - Dozwolone znaki specjalne: ~!@#\$\$%^&*_+=~"{}|.?/
- Dla poprawy bezpieczeństwa nie zaleca się powtarzania tych samych znaków po kolei ani używania kolejnych znaków klawiatury.
- Jeżeli hasło zostało utracone, nacisnąć przycisk **[RESET]** i inicjować produkt. Zatem hasło należy zapamiętać, lub zapisać.

LOGOWANIE

Przy każdej próbie uzyskania dostępu do kamery zostanie wyświetlone okno logowania. Wprowadź ID użytkownika i hasło, aby uzyskać dostęp do kamery.

1. Wpisz słowo **"admin"** w polu **<User Name>**.
ID administratora **"admin"** jest stałe i nie można go zmienić.
2. Wprowadź hasło w polu **<Password>**.
3. Kliknij przycisk **[OK]**.
Jeżeli logowanie się powiodło, zostanie wyświetlony ekran aplikacji Live Viewer.

- Podczas korzystania z podglądu internetowego należy zwrócić uwagę na bezpieczeństwo i sprawdzić, czy obraz jest szyfrowany.

- Jeżeli zostanie zaznaczona opcja **"Remember my credentials"** po wprowadzeniu danych, przy kolejnym uruchomieniu nastąpi automatyczne logowanie bez potrzeby podawania danych logowania.
- Najlepszą jakość wideo można uzyskać przy ekranie o rozmiarze 100%. Zmniejszenie współczynnika może spowodować obcięcie krawędzi obrazu.

USTAWIANIE PRZEGLĄDARKI INTERNETOWEJ KAMERY

1. Kliknij ikonę **[Ustawienia (⚙️)]**.
2. Wyświetlone zostanie okno Ustawienia.
3. Ustawienia dotyczące podstawowych informacji o kamerze, wideo, dźwięku, sieci, zdarzeń, analizy i systemu można skonfigurować za pośrednictwem sieci.
4. Kliknij opcję **<Pomoc (❓)>**, aby wyświetlić szczegółowy opis każdej funkcji.

ROZWIĄZYWANIE PROBLEMÓW

PROBLEM	ROZWIĄZANIE
Nie wyświetli się żadne wideo poprzez dostęp do bezpłatnej przeglądarki na Safari poprzez HTTPS.	- W oknie uwierzytelniania wyświetlonym przy pierwszym dostępie do protokołu https kliknij opcję „Pokaż certyfikat uwierzytelnienia” i zaznacz pole wyboru „Zawsze ufaj, nawiązując połączenie do określonego IP przeglądarki WebViewer”. - Jeśli przeglądarka nadal odmawia wyświetlania wideo po wyborze "Następny" w poniższym oknie komunikatów, należy nacisnąć klawisz polecenia + Q w celu opuszczenia przeglądarki Safari, uzyskać ponowny dostęp i wykonać podane wyżej procedury.
Nie mogę uzyskać dostępu do kamery z przeglądarki internetowej.	- Sprawdź, czy ustawienia sieciowe kamery są odpowiednie. - Sprawdź, czy wszystkie kable sieciowe zostały podłączone prawidłowo. - W przypadku łączenia za pomocą DHCP sprawdź, czy kamera otrzymała dynamiczny adres IP. - Jeśli kamera jest podłączona do Ruter szerokopasmowy, sprawdź, czy przekazywanie portów zostało skonfigurowane prawidłowo.
Program podglądu został odłączony podczas monitorowania.	- Podłączone programy podglądu zostają odłączone przy każdej zmianie konfiguracji kamery lub sieci. - Sprawdź wszystkie połączenia sieciowe.
Kamera podłączona do sieci nie jest wykrywana w programie Device Manager.	Wyłącz cz zaporę na komputerze PC i wyszukaj kamery ponownie.
Obrazy nakładają się na siebie.	Sprawdź, czy kilka kamer nie jest ustawionych na ten sam adres multimedialny. Jeśli jest używany ten sam adres przez wiele kamer, obrazy mogą się na siebie nakładać.
Brak obrazu.	- Jeśli metoda transmisji to multimedialna, sprawdź, czy router w sieci lokalnej, do którego jest podłączona kamera, obsługuje multimedialną. - Upewnij się, że moduł obiektywu działa normalnie.

PROBLEM	ROZWIĄZANIE
<Wykrywanie ruchu> z <Analizy> jest w pozycji <Włącz.>, ale nie otrzymuję zawiadomień email nawet jeżeli nastąpiło zdarzenie ruchu.	- Sprawdź ustawienia w następującej kolejności: - Sprawdź ustawienia opcji <Data i godzina>. - Dla opcji <Wykrywanie ruchu> powinno być wybrane ustawienie <Włącz.>. - Zaznacz, jeśli wybrano użycie opcji <E-mail> w menu <Konfig. zdarzeń>.
W porcie wyjścia alarmu nie wykryto żadnego sygnału nawet podczas przeprowadzania inteligentnej analizy obrazu wideo.	Sprawdź ustawienia portu wyjścia alarmu.
Nagrywanie na karcie pamięci Micro SD jest niemożliwe.	Sprawdź, czy karta pamięci nie jest uszkodzona.
Karta pamięci Micro SD jest włożona, jednak kamera nie działa prawidłowo.	- Sprawdź, czy karta pamięci została włożona odpowiednią stroną. Ta kamera nie gwarantuje działania karty pamięci sformatowanej w innych urządzeniach - Sformatuj kartę pamięci ponownie w menu <Ustawienia> → <Zdarzenie> → <Pamięć>.

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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	
zeroconf	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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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain. sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

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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Julian Seward, jseward@bzip.org

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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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Prawidłowe usuwanie produktu (zużyty sprzęt elektryczny i elektroniczny)

To oznaczenie umieszczone na produkcie, akcesoriach lub dokumentacji oznacza, że po zakończeniu eksploatacji nie należy tego produktu ani jego akcesoriów (np. ładowarki, zestawu słuchawkowego, przewodu USB) wyrzucać wraz ze zwykłymi odpadami gospodarstwa domowego. Aby uniknąć szkodliwego wpływu na środowisko naturalne i zdrowie ludzi wskutek niekontrolowanego usuwania odpadów, prosimy o oddzielenie tych przedmiotów od odpadów innego typu oraz o odpowiedzialny recykling i praktykowanie ponownego wykorzystania materiałów.

W celu uzyskania informacji na temat miejsca i sposobu bezpiecznego dla środowiska recyklingu tych przedmiotów, użytkownicy w gospodarstwach domowych powinni skontaktować się z punktem sprzedaży detalicznej, w którym dokonali zakupu produktu, lub z organem władz lokalnych.

Użytkownicy w firmach powinni skontaktować się ze swoim dostawcą i sprawdzić warunki umowy zakupu. Produktu ani jego akcesoriów nie należy usuwać razem z innymi odpadami komercyjnymi.



Sposób poprawnego usuwania baterii, w które wyposażony jest niniejszy produkt

(Dotyczy obszaru Unii Europejskiej oraz innych krajów europejskich posiadających oddzielne systemy zwrotu zużytych baterii.)

Niniejsze oznaczenie na baterii, instrukcji obsługi lub opakowaniu oznacza, że po upływie okresu użytkowania baterie, w które wyposażony był dany produkt, nie mogą zostać usunięte wraz z innymi odpadami pochodzącymi z gospodarstw domowych. Przy zastosowaniu takiego oznaczenia symbole chemiczne (Hg, Cd lub Pb) wskazują, że dana bateria zawiera rtęć, kadm lub ołów w ilości przewyższającej poziomy odniesienia opisane w dyrektywie WE 2006/66. Jeśli baterie nie zostaną poprawnie zutylizowane, substancje te mogą powodować zagrożenie dla zdrowia ludzkiego lub środowiska naturalnego.

Aby chronić zasoby naturalne i promować ponowne wykorzystanie materiałów, należy oddzielać baterie od innego typu odpadów i poddawać je utylizacji poprzez lokalny, bezpłatny system zwrotu baterii.

