

SIECIOWA NAGRYWARKA WIDEO

Podręcznik specyfikacji produktu

QRN-420S/QRN-820S/QRN-1620S
LRN-410S/LRN-810S/LRN-1610S



Sieciowa Nagrywarka Wideo

Podręcznik specyfikacji produktu

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.

Ograniczenia

Prawa autorskie do tego dokumentu są zastrzeżone. Kopiowanie, rozpowszechnianie lub modyfikowanie treści niniejszego dokumentu, częściowo lub w całości, bez formalnego zezwolenia, jest zabronione.

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Firma Hanwha Vision przedsięwzięła wszelkie wysiłki, aby zapewnić spójność i poprawność treści niniejszej publikacji, ale nie zapewnia formalnych gwarancji. Użytkownik bierze pełną odpowiedzialność za stosowanie tego dokumentu i wynikiłe rezultaty. Firma Hanwha Vision zastrzega sobie prawo do zmiany treści tego dokumentu bez uprzedzenia.

- ❖ Konstrukcja i dane techniczne urządzenia mogą ulec zmianie bez powiadomienia.
Użytkownik może pobrać najnowszą wersję ze strony internetowej Hanwha Vision. (www.HanwhaVision.com)

- ❖ Początkowym ID administratora jest „admin” a hasło powinno zostać ustawione podczas pierwszego logowania.
Hasło należy zmieniać co trzy miesiące, aby zapewnić ochronę danych osobowych i zapobiec szkodom wynikającym z kradzieży informacji.
Proszę pamiętać, że odpowiedzialność za bezpieczeństwo i wszelkie szkody wynikające z brakiem dbałości o hasło ponosi użytkownik.

WAŻNE ZALECENIA DOTYCZĄCE BEZPIECZEŃSTWA

Przed rozpoczęciem eksploatacji urządzenia należy uważnie przeczytać niniejsze instrukcje dotyczące obsługi. Należy przestrzegać poniższych instrukcji bezpieczeństwa.

Niniejszą instrukcję obsługi należy zachować do użycia w przyszłości.

- 1) Przeczytać tę instrukcję.
- 2) Zachować instrukcję.
- 3) Zwrócić uwagę na wszystkie ostrzeżenia.
- 4) Przestrzegać wszystkich instrukcji.
- 5) Nie używać urządzenia w pobliżu wody.
- 6) Zabrudzoną powierzchnię produktu wyczyścić 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).
- 7) Nie zasłaniać otworów wentylacyjnych; zamontować zgodnie z instrukcjami producenta.
- 8) Nie montować w pobliżu źródeł ciepła, takich jak grzejniki, promienniki, piece lub inne urządzenia (również wzmacniacze) wytwarzające ciepło.
- 9) W żadnym wypadku nie próbować obchodzić zabezpieczeń konstrukcyjnych wtyczki i gniazda z bolcem uziemiającym. Wtyczka ma dwa bolce i otwór na bolec uziemiający. Bolec uziemiający chroni przed porażeniem prądem elektrycznym. W celu zapewnienia bezpieczeństwa urządzenie wyposażono we wtyczkę ze stykiem uziemiającym. Jeśli wtyczka dołączona do urządzenia nie pasuje do gniazdka, należy zwrócić się do elektryka celem wymiany przestarzałego gniazdka ściennego.
- 10) Zabezpieczyć przewód sieciowy, tak aby nie być przydeptywany ani ściskany; szczególną uwagę należy zwrócić na wtyczki, rozgałęźniki i miejsce, w których przewód wychodzi z urządzenia.
- 11) Używać wyłącznie elementów wyposażenia/akcesoriów zalecanych przez producenta.
- 12) Urządzenie umieszczać tylko na wózku, stojaku, trójnogu, półce lub stole zalecanym przez producenta lub sprzedawanym razem z urządzeniem. W przypadku użycia wózka podczas przemieszczania zestawu wózek/urządzenie należy zachować ostrożność, aby uniknąć obrażeń spowodowanych jego wywróceniem.
- 13) W czasie burzy z wyładowaniami atmosferycznymi lub w przypadku nieużywania urządzenia przez dłuższy czas należy odłączyć urządzenie od zasilania.
- 14) Wszelkie czynności serwisowe należy powierzyć wykwalifikowanym pracownikom serwisu.
W przypadku uszkodzenia urządzenia w jakikolwiek sposób, np. w razie uszkodzenia przewodu zasilającego lub wtyczki, rozlania płynu lub upadku przedmiotów na urządzenie, wystawiania urządzenia na działanie deszczu lub wilgoci, nieprawidłowości w działaniu lub upadku urządzenia, należy oddać urządzenie do serwisu.



PRZED ROZPOCZĘCIEM

Niniejszy podręcznik zapewnia informacje o obsłudze wymagane przy użytkowaniu urządzenia i zawiera opis każdego elementu składowego, jego funkcji oraz menu lub ustawień sieciowych.

Należy pamiętać o następujących uwagach :

- Prawa autorskie do niniejszego podręcznika należą do firmy Hanwha Vision.
- Nie można kopiować niniejszego podręcznika bez wcześniejszej pisemnej zgody firmy Hanwha Vision.
- Nie ponosimy odpowiedzialności za żadne uszkodzenia produktu spowodowane użyciem niestandardowych produktów lub naruszeniem instrukcji zawartych w niniejszym podręczniku.
- Jeśli konieczne jest otwarcie obudowy systemu w celu sprawdzenia źródła problemu, należy skonsultować się ze specjalistą ze sklepu, w którym nabyto produkt.
- Przed dodaniem napędu dysków twardych lub zewnętrznego urządzenia pamięci masowej (pamięci USB, twardego dysku USB) należy sprawdzić, czy są zgodne z tym urządzeniem. Aby uzyskać listę kompatybilności, skontaktuj się z punktem sprzedaży.

Ostrzeżenie

Akumulator

Wymiana akumulatora w produkcie na niewłaściwy może doprowadzić do eksplozji. Z tego względu należy użyć tego samego typu akumulatora, co używany w produkcie.

Poniżej znajduje się specyfikacja akumulatora używanego obecnie.

- Napięcie normalne : 3V
- Pojemność normalna : 210m Ah
- Standardowe obciążenie ciągłe : 0,4 mA
- Temperatura pracy : -20°C ~ +60°C (-4°F ~ +140°F)

Uwaga

- Podłącz przewód zasilający do uziemionego gniazdka elektrycznego.
- Wtyczka sieci zasilającej stosowana jest jako urządzenie rozłączające, dlatego powinna być łatwo dostępna przez cały czas.
- Baterii nie należy wystawiać na działanie zbyt wysokiej temperatury, np. promienie słoneczne, ogień itp.
- Zagrożenie wybuchem w przypadku użycia baterii nieprawidłowego typu. Zużyte baterie należy poddawać utylizacji zgodnie z instrukcjami.
- W przypadku upływu okresu eksploatacji dysku twardego zapisane na nim dane wideo mogą zostać uszkodzone, a ich odzyskanie może okazać się niemożliwe.
- Dioda LED stanu dysku twardego systemu ciągle miga, co oznacza, że połączenie systemu z dyskiem twardym funkcjonuje normalnie. Regularnie sprawdzaj diodę LED stanu dysku twardego, aby upewnić się, że ciągle miga. "W przypadku awarii dysku twardego nagrywanie może okazać się niemożliwe. Regularnie sprawdzaj stan nagrywania i twórz kopie zapasowe ważnych danych."

Wyłączenie systemu

Wyłączenie zasilania w czasie pracy produktu lub wykonanie niedozwolonych czynności, może doprowadzić do uszkodzenia dysku twardego lub produktu. Może to również spowodować nieprawidłowe działanie twardego dysku przy korzystaniu z tego produktu.

Aby zapewnić bezpieczeństwo podczas procesu wyłączenia systemu, naciśnij przycisk <OK> znajdujący się w wyskakującym okienku wyłączania systemu, a następnie odłącz przewód zasilania.

Użytkownik może zainstalować system UPS w celu zapewnienia bezpiecznej pracy i uniknięcia strat spowodowanych przez nieoczekiwaną awarię zasilania. (Aby uzyskać odpowiedzi na pytania dotyczące systemu UPS, należy skontaktować się ze sprzedawcą.)



- W przypadku nieprawidłowego wyłączenia ponowne uruchomienie może zająć więcej czasu z powodu przywracania danych z twardego dysku w celu poprawnego działania.

Temperatura pracy

Gwarantowana temperatura pracy niniejszego produktu zawiera się w przedziale od 0°C ~ 40°C (32°F ~ 104°F). Niniejszy produkt może nie działać prawidłowo, jeśli zostanie uruchomiony po długim okresie braku zasilania w temperaturze poniżej gwarantowanej.
W przypadku użycia urządzenia po długim okresie przechowywania w niskiej temperaturze należy umieścić je przez pewien czas w temperaturze pokojowej, a następnie go uruchomić.
W szczególności dla wbudowanego w produkcie dysku twardego gwarantowana temperatura zawiera się w zakresie od 5°C ~ 55°C (41°F ~ 131°F). Dysk twardy może nie działać w temperaturze poniżej gwarantowanej.

Gniazdo Ethernet

Ten sprzęt jest przeznaczony do użytku wewnątrz budynków i całe okablowanie komunikacyjne ogranicza się do wnętrza budynku.

Środki ostrożności dotyczące bezpieczeństwa

Początkowym ID administratora jest „admin” a hasło powinno zostać ustawione podczas pierwszego logowania.
Hasło należy zmieniać co trzy miesiące, aby zapewnić ochronę danych osobowych i zapobiec szkodom wynikającym z kradzieży informacji.
Proszę pamiętać, że odpowiedzialność za bezpieczeństwo i wszelkie szkody wynikające z brakiem dbałości o hasło ponosi użytkownik.

Produkty posiadające poszczególne funkcje

Funkcja	Produkty
Wentylator	QRN-420S, QRN-820S, LRN-810S
PoE	QRN-420S, QRN-820S, QRN-1620S, LRN-410S, LRN-810S, LRN-1610S
P2P	QRN-420S, QRN-820S, QRN-1620S, LRN-410S, LRN-810S, LRN-1610S
Alarm	QRN-1620S
Rozszerzony monitor	QRN-1620S
Pilot	QRN-420S, QRN-820S, QRN-1620S, LRN-410S, LRN-810S, LRN-1610S

SPIS TREŚCI

INFORMACJE OGÓLNE	3	Ważne Zalecenia Dotyczące Bezpieczeństwa
	3	Przed Rozpoczęciem
	4	Spis Treści
	5	Funkcje
	6	Nazwy części i ich funkcje (Przód)
	6	Nazwy części i ich funkcje (Tył)
INSTALACJA	8	Sprawdzanie stanowiska montażowego
	8	Montaż w regale
	8	Dodawanie Dysku Twardego
PODŁĄCZANIE INNEGO URZĄDZENIA	10	Podłączanie do urządzenia zewnętrznego
	10	Podłączanie urządzenia USB
	10	Podłączanie Wejścia/Wyjścia Alarmu
	11	Podłączanie do sieci

FUNKCJE

Niniejsze urządzenie służy do rejestracji danych wideo i audio z kamer sieciowych na twardy dysk i umożliwia odtwarzanie z twardego dysku. Zapewnia również środowisko zdalnego monitorowania wideo i audio w sieci za pomocą zdalnego komputera.

- Przyjazny użytkownikowi interfejs
- Obsługuje szeroką gamę rozdzielczości 4K (Niedostępny w modelu LRN-410S, LRN-810S, LRN-1610S)
- Wyświetla obraz w wysokiej rozdzielczości 4K za pośrednictwem portu HDMI
- Nagrywanie i odtwarzanie obrazu wideo
- Nagrywanie i odtwarzanie dźwięku
- Obsługuje standard ONVIF Profile S oraz protokoły RTP / RTSP
- Wyświetlanie stanu działania dysku dzięki technologii HDD SMART
- Możliwość nadpisywania danych na dysku twardym
- Tworzenie kopii zapasowych za pomocą protokołów USB i zewnętrznego dysku twardego
- Jednoczesne odtwarzanie 4, 8 kanałów
- Różne tryby wyszukiwania (Czas, zdarzenie, Smart, Ttekst, kopia zapasowa, ARB)
- Obsługa ARB (funkcja konfiguracji dla okresu zapisu poprzez kanał)
- Różne tryby nagrywania (normalny, zdarzenie, nagrywanie zaprogramowane)
- Wejście/wyjście alarmu (Niedostępny w modelu LRN-410S, LRN-810S, LRN-1610S)
- Funkcja zdalnego monitorowania przy użyciu przeglądarki Windows Network Viewer
- Monitorowanie na żywo przy użyciu kamery sieciowej
- Kreator instalacji (Ustawienia ułatwione, Skrócone ustawienia)
- Obsługuje funkcję zdalnego monitorowania smartfona przez obsługę P2P
- Dostarcza alarm o zdarzeniu do smartfona (wysyłanie komunikatów o zdarzeniu w czasie rzeczywistym)

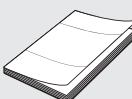
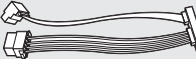
Zawartość zestawu

Produkt należy rozpakować i umieścić na płaskiej powierzchni lub w miejscu, w którym ma zostać zainstalowany.

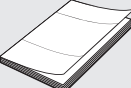
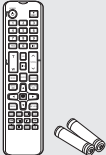
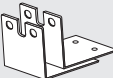
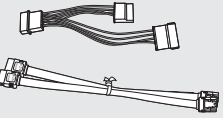
Należy sprawdzić, czy w zestawie oprócz urządzenia głównego znajdują się poniższe elementy.

- Kategoria i ilość akcesoriów może różnić się w zależności od regionu sprzedaży.

QRN-420S/QRN-820S/LRN-410S/LRN-810S

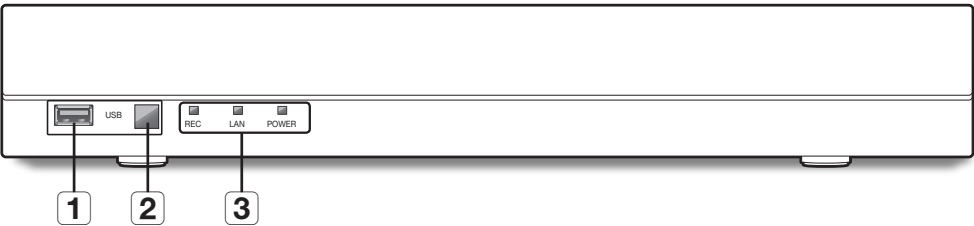
			
NVR	Mysz	Przewód Zasilający	Zasilacz
			
Skrócona instrukcja obsługi	Pilot / Bateria Do Pilota (AAA) (Niedostępny w modelu QRN-420S/ LRN-410S/LRN-810S)	Śruba mocująca dysk twardy (W przypadku modeli bez zainstalowanego dysku twardego)	Przewód zasilający SATA (W przypadku modeli bez zainstalowanego dysku twardego)

QRN-1620S/LRN-1610S

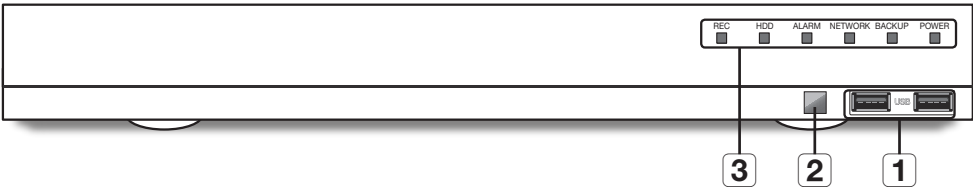
			
NVR	Mysz	Przewód Zasilający	Skrócona instrukcja obsługi
			
Pilot / Bateria Do Pilota (AAA) (Niedostępny w modelu LRN-1610S)	Szyna (Niedostępny w modelu LRN-1610S)	Śruba do mocowania wspornika (Niedostępny w modelu LRN-1610S)	Śruba mocująca dysk twardy (8)
			
Przewód zasilający SATA			

NAZWY CZĘŚCI I ICH FUNKCJE (PRZÓD)

QRN-420S/QRN-820S/LRN-410S/LRN-810S



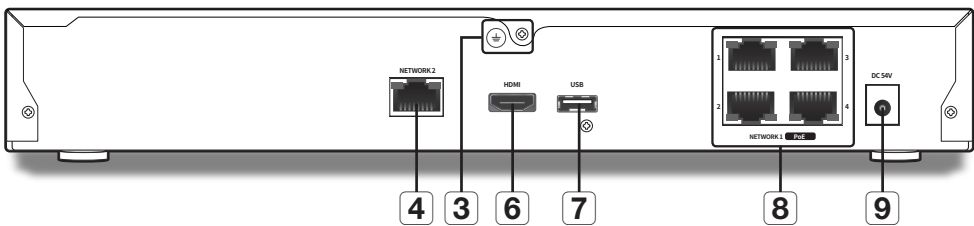
QRN-1620S/LRN-1610S



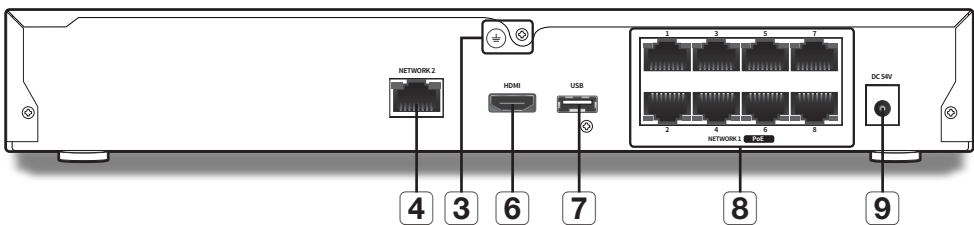
Nazwa		Funkcja
1	USB	Służy do podłączania urządzeń USB. (Obsługa technologii USB 2.0)
2	Odbiornik sygnałów zdalnego sterowania	Odbiera sygnały z pilota.
3	Wskaźnik LED	REC : Zapala się w trakcie nagrywania.
		HDD : Wyświetla normalną ścieżkę dostępu do twardego dysku. Dioda włączy się po uzyskaniu dostępu do dysku twardego. (QRN-1620S/LRN-1610S)
		ALARM : Zapala się, gdy następuje zdarzenie. (QRN-1620S/LRN-1610S)
		NETWORK (LAN) : Wyświetla stan łącza sieciowego oraz przesyłu danych.
		BACKUP : Pozostaje WŁĄCZONY, gdy używana jest kopia zapasowa. (QRN-1620S/LRN-1610S)
		POWER : Pokazuje stan zasilania Wł./Wył.

NAZWY CZĘŚCI I ICH FUNKCJE (TYŁ)

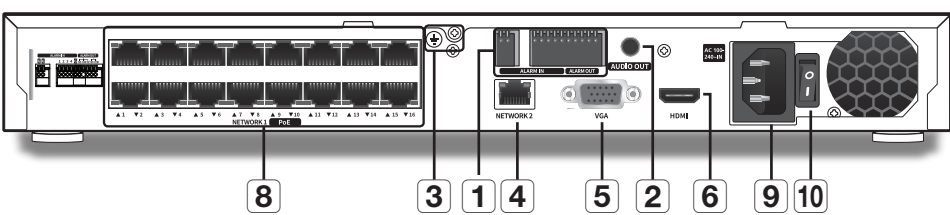
QRN-420S



QRN-820S

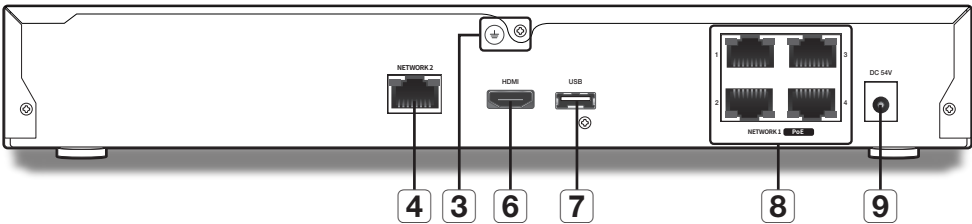


QRN-1620S

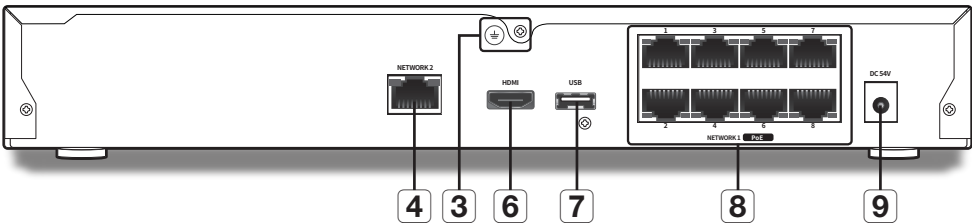


informacje ogólne

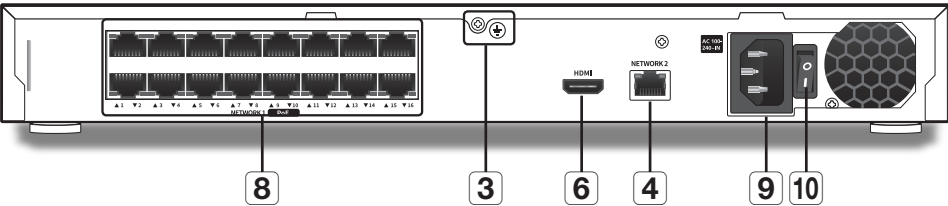
LRN-410S



LRN-810S



LRN-1610S



Nazwa		Funkcja
1	ALARM	- ALARM IN : Wejścia alarmu. (1~4 CH) - ALARM OUT : Wyjścia alarmu. (1~2 CH)
2	AUDIO OUT	Wyjście sygnału audio (gniazdo RCA).
3	Podłączenie uziemienia	Zacisk do podłączenia osobnego przewodu uziemiającego. ■ Dodatkowy przewód uziemiający zapewni większe bezpieczeństwo eksploatacji urządzenia.
4	NETWORK2	Port zalecany do nawiązania połączenia z siecią, przeglądarką Web Viewer.
5	VGA OUT	Wyjście sygnału wideo VGA.
6	HDMI	Złącze HDMI.
7	USB	Służy do podłączania urządzeń USB. (Obsługa technologii USB 3.0)
8	NETWORK1 PoE	Port zasilania podłączane do kamery.
9	Zasilanie	Zacisk zasilania.
10	Włącznik zasilania	Przełącznik Wł./Wył. zasilania.

instalacja

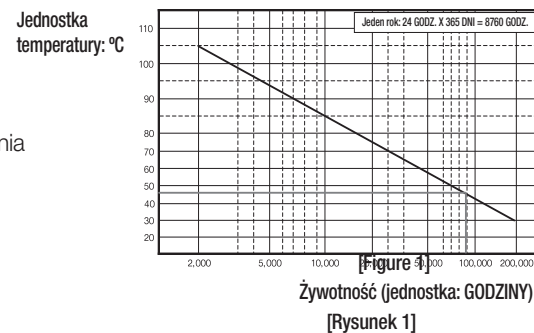
Przed użyciem produktu należy zapoznać się z poniższymi informacjami.

- Produktu nie należy używać na zewnątrz.
- Nie wolno rozlewać wody lub innych płynów na część łączącą produktu.
- Nie należy narażać systemu na działanie nadmiernej siły lub wstrząsów.
- Nie należy na siłę wyciągać wtyczki zasilania.
- Produktu nie wolno samodzielnie rozmontowywać.
- Nie przekraczać znamionowych wartości wejścia/wyjścia.
- Należy stosować wyłącznie atestowane przewody zasilające.
- W przypadku produktów z wejściem uziemiającym należy stosować wtyczkę zasilania z uziemieniem.

SPRAWDZANIE STANOWISKA MONTAŻOWEGO

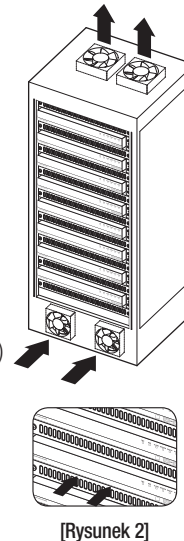
Niniejsze urządzenie jest wysokiej klasy urządzeniem wyposażonym w dysk twardy o dużej pojemności i inne kluczowe układy elektroniczne.

Należy pamiętać, że zbyt wysoka temperatura wewnętrzna urządzenia może doprowadzić do awarii systemu lub skrócenia żywotności produktu (patrz rys. z prawej strony). Przed zainstalowaniem produktu należy zapoznać się z poniższymi instrukcjami.



W przypadku montowania urządzenia w szafie należy przestrzegać następujących instrukcji.

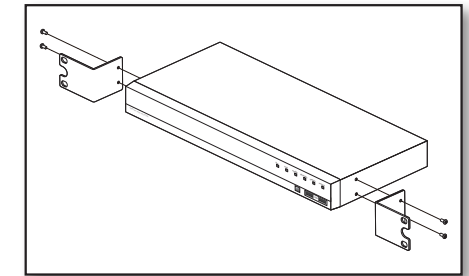
1. Należy upewnić się, że regał nie jest uszczelniony wewnątrz.
2. Należy zapewnić cyrkulację powietrza przez wlot i wylot zgodnie z ilustracją.
3. W przypadku ustawienia tych urządzeń lub innych urządzeń montowanych w szafie w sposób pokazany na rysunku 2 należy zapewnić przestrzeń na wentylację lub zainstalować wentylator.
4. Aby zapewnić naturalną konwekcję powietrza wlot należy umieścić u dołu regału, a wylot u góry.
5. Zaleca się, aby przy wlocie i wylocie zamontować wentylatory, zapewniające odpowiednią cyrkulację powietrza. (W celu zabezpieczenia przed pyłem lub ciałami obcymi przy wlocie należy zamontować filtr).
6. Wewnątrz regału i w jego otoczeniu należy utrzymywać temperaturę 0°C - 40°C (32°F - 104°F) zgodnie z rysunkiem 1.



MONTAŻ W REGALE

Zainstaluj szynę zgodnie z ilustracją, następnie wkręć śruby po obydwu stronach.

- Wkręć śruby tak, aby nie zostały poluzowane na skutek wibracji.



<QRN-1620S>

DODAWANIE DYSKU TWARDEGO

Należy upewnić się, że przewód zasilania jest odłączony od gniazda sieciowego, aby zapobiec porażeniu prądem, odniesieniu obrażeń lub uszkodzeniu produktu.

Aby uzyskać dalsze informacje na temat instalacji twardego dysku, należy skonsultować się z dostawcą, ponieważ nieprawidłowa instalacja lub ustawienia mogą uszkodzić produkt.

- Liczba obsługiwanych dysków twardych:
 - QRN-420S/QRN-820S/LRN-410S/LRN-810S : Max. 1
 - QRN-1620S/LRN-1610S : Max. 2
- Przed przystąpieniem do instalacji należy upewnić się, że przewód zasilania jest odłączony od gniazda sieciowego.



Przestrogi dotyczące utraty danych (konserwacja dysku twardego)

Należy dbać o to, by nie uszkodzić danych zawartych na twardym dysku. Przed dodaniem dysku twardego należy sprawdzić zgodność z tym urządzeniem. Jako bardzo delikatne urządzenie dysk twardy jest narażony na usterki, szczególnie na skutek wibracji podczas pracy. Należy zadbać o to, by dysk twardy nie był narażony na wstrząsy. Firma Hanwha Vision nie ponosi odpowiedzialności za uszkodzenia twardego dysku powstałe z powodu nieuwagi użytkownika lub nieprawidłowego użytkowania.

W niektórych przypadkach może nastąpić uszkodzenie dysku twardego lub zarejestrowanych danych

Aby zminimalizować ryzyko utraty danych z powodu uszkodzenia twardego dysku należy jak najczęściej tworzyć kopie zapasowe danych. W przypadku uderzenia podczas demontażu lub montażu dane zapisane na dysku twardym mogą zostać uszkodzone. Uszkodzenie może spowodować również nagła awaria zasilania lub wyłączenie urządzenia podczas działania dysku twardego. Dysk twardy lub pliki na nim zapisane mogą zostać uszkodzone, jeśli korpus główny zostanie poruszony lub uderzony w trakcie pracy.

Przestroga dotycząca instalacji dysku twardego

1. Nie nadużywać nadmiernej siły podczas pracy z dyskami.
2. Należy uważać, aby nie zgubić zdemontowanych wkrętów i akcesoriów.
 - Jeśli wkręty lub akcesoria nie zostaną zamontowane poprawnie, produkt może ulec uszkodzeniu lub działać nieprawidłowo.
3. Przed dodaniem dysku twardego należy sprawdzić jego zgodność z urządzeniem.
 - Aby uzyskać listę zgodnych urządzeń, należy skontaktować się z najbliższym sprzedawcą.

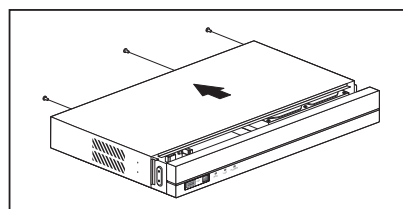
Montaż dysku twardego

- ❗ ▪ Jeśli dodajesz nowy lub wcześniej używany dysk twardy do tego produktu poza dyskami twardymi zainstalowanymi oryginalnie, przed użyciem sformatuj nowy dysk twardy ręcznie.
Aby dowiedzieć się, jak formatować, zobacz "Urządzenie / Format" w Podręczniku Użytkownika Wisenet NVR.

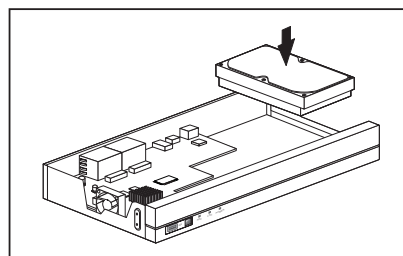
Montaż dysku twardego w modelu QRN-420S/QRN-820S/LRN-410S/ LRN-810S

- 📐 ▪ Poniższe rysunki przedstawiają model QRN-820S.

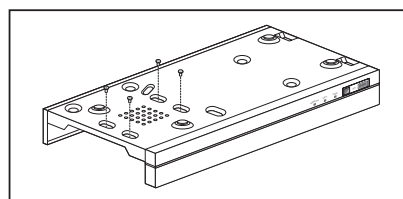
1. Po odkręceniu wkrętów popchnij pokrywę do tyłu, a następnie zdejmij ją.



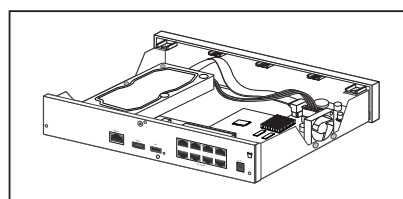
2. Przewody SATA i zasilania dysku twardego podłącz do złączy na płycie głównej.



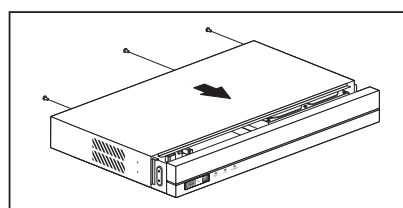
3. Przykręć dysk twardy do zestawu wkrętami.



4. Upewnij się, że nie występują żadne problemy z zaciskami, połączeniami i przewodami w produkcie, zamknij pokrywę i przykręć ją wkrętami.
▪ Podczas zamykania pokrywy upewnij się, że kable nie ulegną uszkodzeniu.

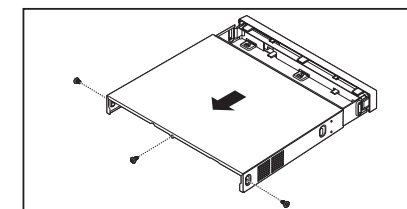


5. Zamknij pokrywę i przykręć śrubę nastawną z tyłu.

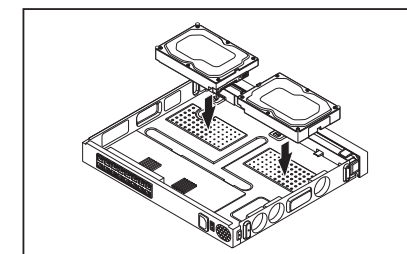


Montaż dysku twardego w modelu QRN-1620S/LRN-1610S

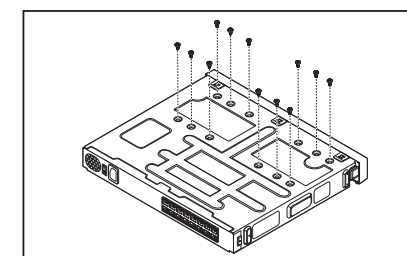
1. Po odkręceniu wkrętów popchnij pokrywę do tyłu, a następnie zdejmij ją.



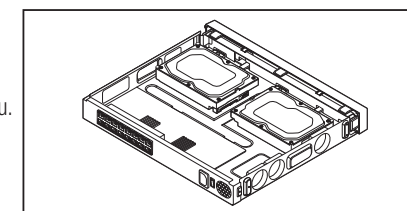
2. Przewody SATA i zasilania dysku twardego podłącz do złączy na płycie głównej.



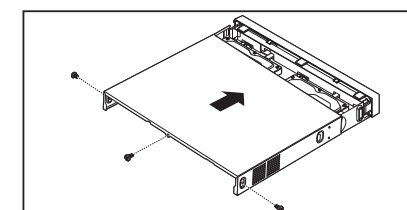
3. Przykręć dysk twardy do zestawu wkrętami.



4. Upewnij się, że nie występują żadne problemy z zaciskami, połączeniami i przewodami w produkcie, zamknij pokrywę i przykręć ją wkrętami.
▪ Podczas zamykania pokrywy upewnij się, że kable nie ulegną uszkodzeniu.



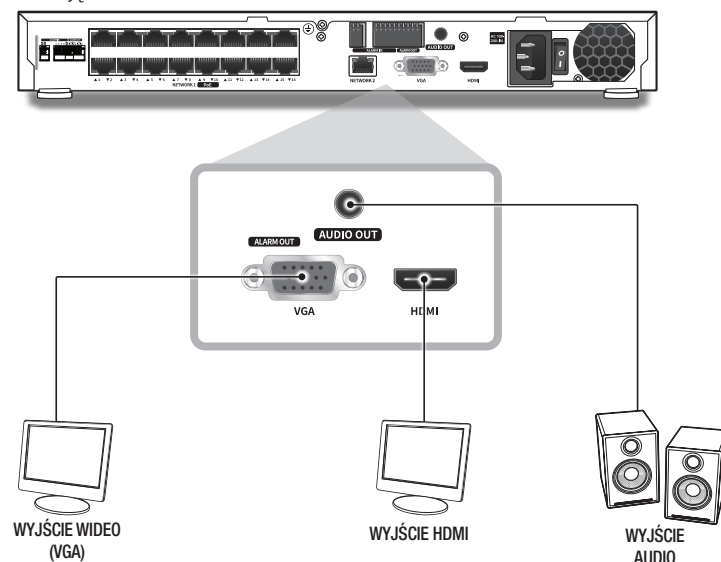
5. Zamknij pokrywę i przykręć śrubę nastawną z tyłu.



podłączanie innego urządzenia

PODŁĄCZANIE DO URZĄDZENIA ZEWNĘTRZNEGO

- Poniższe rysunki przedstawiają model QRN-1620S.

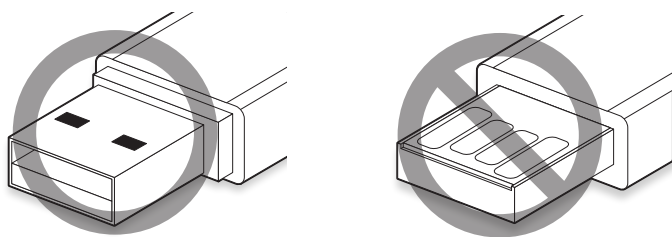


- ! ■ Nieprawidłowe lub inne niż znamionowe źródło zasilania może uszkodzić system. Przed naciśnięciem przycisku zasilanie należy upewnić się, że stosowane jest wyłącznie źródło zasilania zgodne ze znamionowym.

PODŁĄCZANIE URZĄDZENIA USB

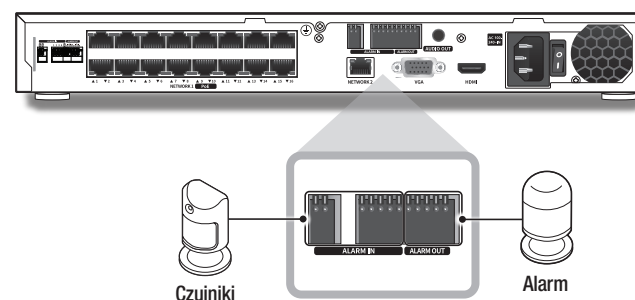
1. Na przodzie urządzenia znajduje się port USB.
2. Do portu USB można podłączyć dysk twardy USB, pamięć USB lub mysz.
3. Jeśli dysk twardy USB jest podłączony do systemu, można go znaleźć i skonfigurować, wykonując czynności w "Menu > Urządzenie > Urządź.pam.mas." Instrukcji Użytkownika Wisenet NVR.
4. Urządzenie obsługuje funkcję podłączania „na gorąco”, która umożliwia podłączanie/odłączanie urządzeń USB w trakcie działania systemu.

- ! ■ Jeżeli urządzenie USB służy do tworzenia kopii zapasowych, należy je sformatować na komputerze przy użyciu aplikacji FAT32, jeżeli nie zostało sformatowane na urządzeniu NVR.
- Niektóre urządzenia USB mogą nie działać poprawnie z powodu problemów ze zgodnością, przed użyciem należy to sprawdzić.
- Tylko urządzenia pamięci USB zgodne ze standardami (mające metalową pokrywę) gwarantują przesyłanie danych.
- W przypadku zużycia styków elektrycznych urządzenia USB przesyłanie danych pomiędzy urządzeniami może nie działać poprawnie.

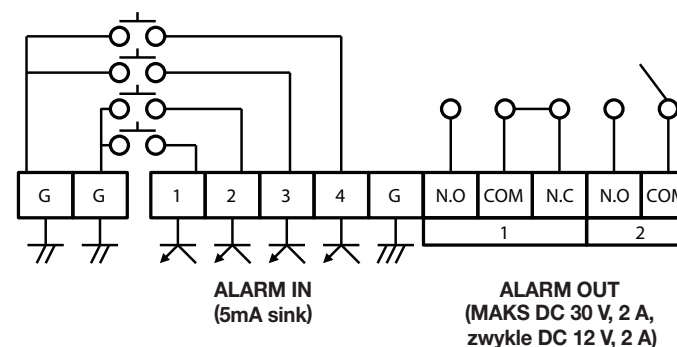


PODŁĄCZANIE WEJŚCIA/WYJŚCIA ALARMU

Wejście/wyjście alarmu z tyłu składa się z następujących elementów.



- ALARM IN 1 ~ 4 : Wejście alarmu
- ALARM OUT 1 ~ 2 : Wyjście alarmu

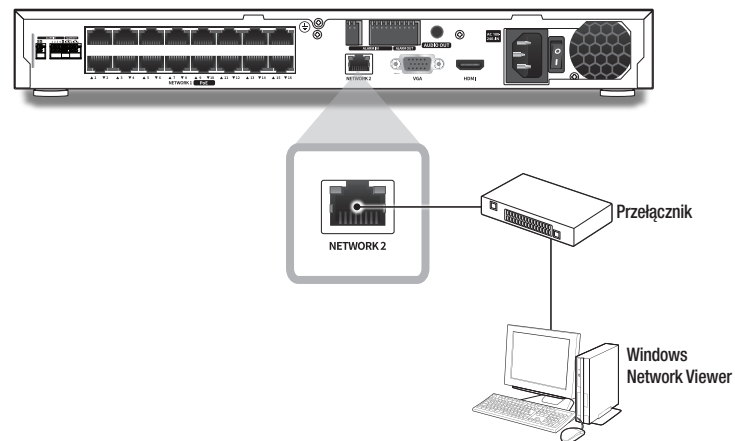


podłączanie innego urządzenia

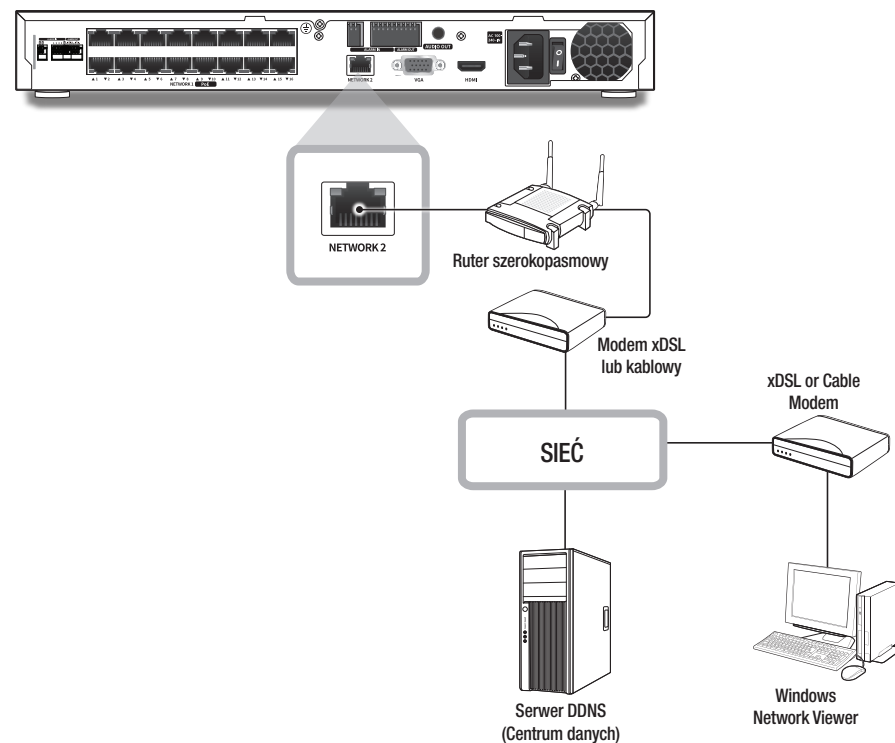
PODŁĄCZANIE DO SIECI

- Aby uzyskać więcej informacji na temat połączenia sieciowego, zobacz "Konfiguracja sieci" w Podręczniku Użytkownika Wisenet NVR.
- Poniższe rysunki przedstawiają model QRN-1620S.

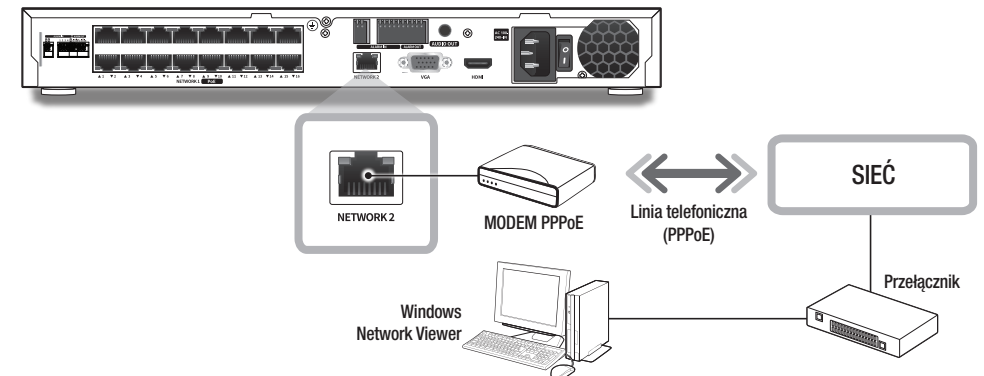
Połączenie sieciowe za pomocą kabla Ethernet (10/100/1000BaseT)



Połączenie sieciowe za pomocą routera

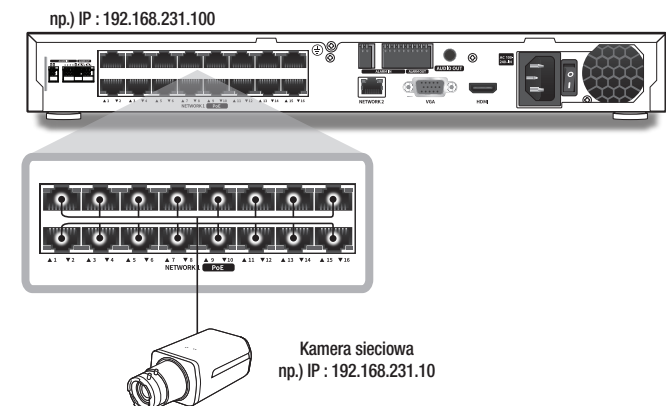


Podłączanie do Internetu przez PPPoE

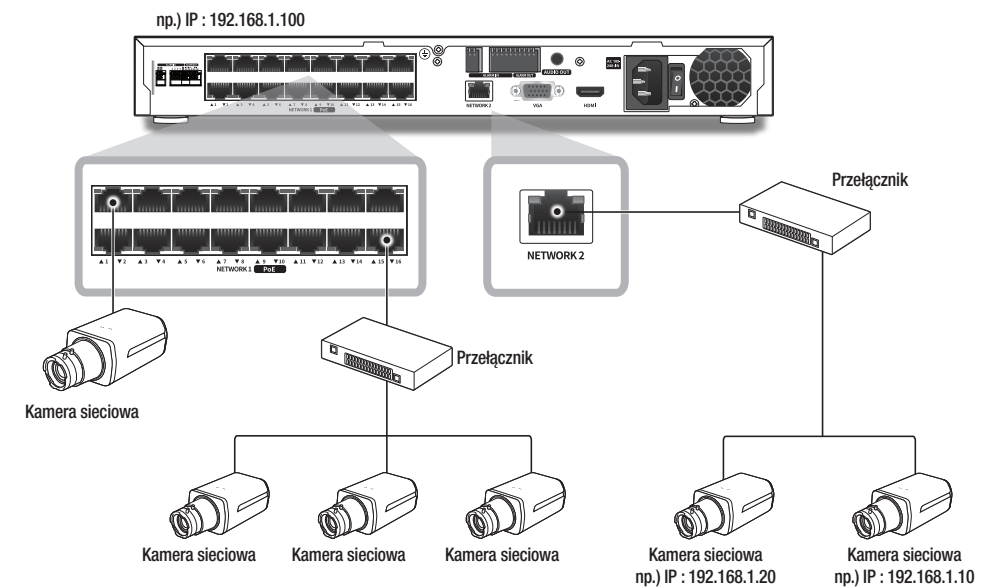


Podłączenie kamery sieciowej

Przykład 1)



Przykład 2)



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- LGPL Software: avahi-0.6.32, ffmpeg-2.4.3, glib-2.46.2, libdaemon-0.14, libnl-3.2.25, libusb-0.1.12, libusb-0.1.5, qrencode-3.4.4, wvdial-1.61, wvstreams-4.6.1, Live555, qtopia4.7.2
- BSD 2-Clause License: FreeBSD
- BSD 3-Clause License: miniupnpc-1.5-ppc, net-snmp v5.6.2.1, ppp-2.4.5, jquery.sha256, jsbn, libjpeg-turbo, lighttpd v1.4.35, msinttypes, requires, spherical++, sprintf 0.7, System-Verilog-Packet-Library, Text OpenGL Extension Wrangler Library 1.7.0
- MIT License: aptechcmv2, avropendous, cJSON, cJSON-Dave Gamble, dynatree, javascript-ipv6, jqGrid, jQuery UI, jquery-form, jqueryhashchange, jquery-json, jquery-numeric, jquery-throttle-debounce 1.1, JS-Browser-Driver, moon9, noty, Raphael JavaScript Library, wildflower 1.3.Beta
- libxml2 License: libxml2 v2.7.7
- Apache 2.0 License: RLLib
- zlib/libpng License: cximage, HM NIS Edit, Nullsoft Scriptable Install System 2.46, PNG reference library, tinxym1 2.6.2, zlib v1.2.8
- Boost Software License: boost 1.70.0
- Curl License: curl v7.49.1
- Microsoft Public License: Minima, Text Designer Outline Text Library
- Code Project Open 1.02 License: CPPSQLite - C++ Wrapper for SQLite, A reusable, high performance, socket server class - Part3
- JPEG License: libjpeg-8b
- RSA MD4 or MD5 Message-Digest Algorithm License: JavaScript MD5 1.1, sixtapi
- PHP License 3.01: HPHP-2.1.0, php v5.6.33
- Purdue License: Isof_4.88
- OpenSSL Combined License: openssl v1.0.2n
- PCRE 5 License: pcre v8.39
- NTP License: ntp v4.2.8p10
- CodeIgniter License: CodeIgniter
- GLUT for Win32 License: GLUT for Win32
- ISC License: dhcp 4.3-2rc2
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- Expat License: expat-2.0.1
- Fine Free File Command License: file-5.25
- Brian Gladman Alternate License: AES with the VIA ACE
- Acknowledgement: This product includes modified version of ffmpeg, Live555 and qtopia4.7.2.

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Written by: Philip Hazel {ph10@cam.ac.uk}

University of Cambridge Computing Service,

Cambridge, England. Phone: +44 1223 334714.

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

1. [1]Mark Andrews <marka@syd.dms.csiro.au> Leitch atomic clock controller
2. [2]Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. [6]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
6. [7]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
7. [8]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
8. [9]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
9. [10]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
10. [11]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
11. [12]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
12. [13]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
13. [14]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
14. [15]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
15. [16]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
16. [17]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
17. [18]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
18. [19]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
19. [20]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
20. [21]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [22]<H.Lambermont@chello.nl> ntpswEEP
21. [23]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
22. [24]Frank Kardel [25]<Frank.Kardel@informatik.uni-erlangen.de> PARSE <GENERIC> driver (14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup
23. [26]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
24. [27]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
25. [28]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
26. [29]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
27. [30]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
28. [31]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
29. [32]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWW/H, IRIG
30. [33]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
31. [34]Jeffrey Mogul <mogul@pa.dec.com> ntpttrace utility
32. [35]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
33. [36]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
34. [37]Derek Mulcahy <derek@toybox.demon.co.uk> and [38]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
35. [39]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
36. [40]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
37. [41]Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
38. [42]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules

39. [43]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory

40. [44]Ray Schnitzler <schnitz@unipress.com> Unixware1 port

41. [45]Michael Shields <shields@tembel.org> USNO clock driver

42. [46]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver

43. [47]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)

44. [48]Kenneth Stone <ken@sdd.hp.com> HP-UX port

45. [49]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support

46. [50]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver

47. [51]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver

48. [52]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

[53]gif

[54]David L. Mills <mills@udel.edu>

References

1. mailto:marka@syd.dms.csiro.au
2. mailto:altmeier@atsoft.de
3. mailto:vbais@mailman1.intel.co
4. mailto:kirkwood@striderfm.intel.com
5. mailto:michael.barone@lmco.com
6. mailto:karl@owl.HQ.ileaf.com
7. mailto:greg.brackley@bigfoot.com
8. mailto:Marc.Brett@westgeo.com
9. mailto:Piete.Brooks@cl.cam.ac.uk
10. mailto:reg@dwf.com
11. mailto:clift@ml.csiro.au
12. mailto:casey@csc.co.za
13. mailto:Sven_Dietrich@trimble.COM
14. mailto:dundas@salt.jpl.nasa.gov
15. mailto:duwe@immd4.informatik.uni-erlangen.de
16. mailto:dennis@mrbill.canet.ca
17. mailto:glenn@herald.usask.ca
18. mailto:iglesias@uci.edu
19. mailto:jagubox.gsfc.nasa.gov
20. mailto:jbj@chatham.usdesign.com
21. mailto:Hans.Lambermont@nl.origin-it.comv
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24. http://www4.informatik.uni-erlangen.de/kardel
25. mailto:Frank.Kardel@informatik.uni-erlangen.de
26. mailto:jones@hermes.chpc.utexas.edu
27. mailto:dkatz@cisco.com
28. mailto:leres@ee.lbl.gov
29. mailto:lindholm@ucs.ubc.ca
30. mailto:louie@ni.umd.edu
31. mailto:thorinn@diku.dk
32. mailto:mills@udel.edu
33. mailto:moeller@gwdgv1.dnet.gwdg.de
34. mailto:mogul@pa.dec.com
35. mailto:tmoore@fievel.daytonoh.ncr.com
36. mailto:kamal@whence.com
37. mailto:derek@toybox.demon.co.uk
38. mailto:d@hd.org
39. mailto:Rainer.Pruy@informatik.uni-erlangen.de
40. mailto:dirce@zk3.dec.com
41. mailto:wsanchez@apple.com
42. mailto:mrapple@quack.kfu.com

43. <mailto:jack@innovativeinternet.com>
44. <mailto:schnitz@unipress.com>
45. <mailto:shields@tembel.org>
46. <mailto:pebbles.jpl.nasa.gov>
47. <mailto:harlan@pfcs.com>
48. <mailto:ken@sdd.hp.com>
49. <mailto:ajit@ee.udel.edu>
50. <mailto:tsuruoka@nc.fukuoka-u.ac.jp>
51. <mailto:vixie@vix.com>
52. <mailto:Ulrich.Windl@rz.uni-regensburg.de>
53. <file:///localhost/backroom/ntp-stable/html/index.htm>
54. <mailto:mills@udel.edu>

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Na wszystkich etapach produkcji firma Hanwha Vision dba o środowisko naturalne i wykonuje wiele działań dążąc do dostarczenia klientom produktów niegroźnych dla środowiska. Oznaczenie „Eco” świadczy o tym, że firma Hanwha Vision wytwarza produkty nieszkodliwe dla środowiska oraz wskazuje, że niniejszy produkt spełnia wymagania przedstawione w dyrektywie RoHS obowiązującej w UE.



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 swoimi 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.

