

Quick Installation Guide

Nuclias Connect Hub Plus

DNH-200



Additional documentation is also available on the D-Link website

Contents

English

1

Package Contents

This DNH-200 package includes the following items:

- DNH-200 Nuclias Connect Hub Plus
- Power adapter
- Rack Mount Kit
- Ethernet cable
- Documentation

If any of the above items are damaged or missing, please contact your local D-Link reseller.

System Requirements

- Computers with Windows®, Macintosh®, or Linux-based operating systems
- Browser support for H.264 video stream Microsoft Edge/Chrome/Safari/Firefox
- Browser support for H.265 video stream Microsoft Edge/Safari

#	LED	Status	Color and Behavior
1	Power LED	Power on	Green: solid
		System booting	1.Green : blinking when device is booting (Normal Speed)* 2.Red : solid red when device is boot fail
		System Ready	Green: solid
		Firmware Update	Red and Green: blinking in sequence (Normal Speed)*
		Recovery mode	Red: blinking (Normal Speed)*
		Uplink and IP provision	Orange: blinking (Normal Speed)* The uplink is not established or broken. During IP provisioning or a failure of IP provisioning
		Power Off	Light off
2	HD LED	While connect to HDD	Green: solid
		While HDD Read/Write	Green: blinking (Normal Speed)*
		HDD power off	Light off
3	SSO LED	Hard Drive Fail	Red: solid
		Connect to Nuclias Server	1. Light Off : when device does not connect to Nuclias server with an SSO account 2. Blue : solid, when device connect to Nuclias server with an SSO account

* Normal speed = 1 second On, 1 second Off

Table 1: LED Description

Hardware Overview

LED Indicators

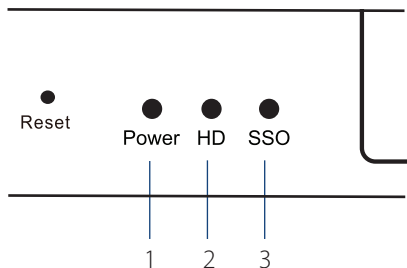


Figure 1: Front Panel LED

Interface Connectors

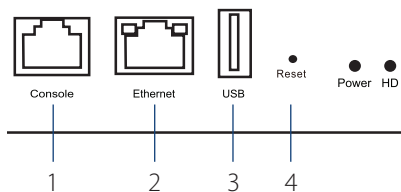


Figure 2: Front Connectors

#	Connector	Description
1	Console Port	RJ-45 port to connect the RJ-45 console cable for CLI management.
2	Ethernet Port	Gigabit RJ-45 port for LAN connection.
3	USB Port	USB 2.0 supports flash drive for video export and configuration backup.
4	Reset	<p>Device Reboot Press the Reset button once to reboot device</p> <p>Reset to Factory Default Hold the Reset button for 5 seconds, then all LEDs will light on at the same time. After 1 second, all the LEDs will light off then the device will reboot and back to factory default</p> <p>Recovery Press and hold the Reset button and then turn on the power of the device. It will enter Recovery Mode for a firmware recovery process</p>

Table 2: Interface Description

Configuration

Note: D-Link recommends manually configure the device before mounting it. The management computer, DHCP server and DNH-200 must be in the same network.

Connecting through Ethernet

You need the following equipments to access the web interface of your device:

- A PC with a RJ-45 Ethernet connection
- A Ethernet cable
- A power adapter

1. Pull out the hard disk tray from the DNH-200 device.

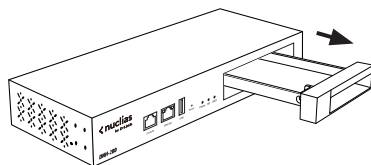


Figure 3

2. Insert a 2.5-inch hard disk into the tray and secure the HDD with the supplied screws.

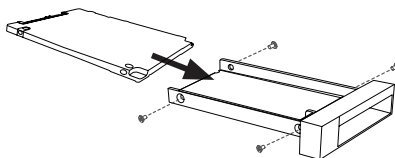


Figure 4

- Reinsert tray back into the device.

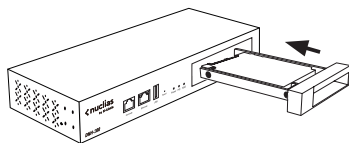


Figure 5

- Connect the adapter to the power input on the DNH-200, then plug the adapter into a nearby power outlet.
- Use an Ethernet cable to connect a DNH-200 and a switch or router that the management computer is connected.
- Manage the device from a computer. Enter **https://DNH-200-XXXX.local*** in the address field of your browser.

*Where XXXX are the last four digits or letters of your device's MAC ID. You can find the MAC ID printed on the label at the bottom of your device.

- Log into the device's administration interface. The default username is "admin" and password is "admin".

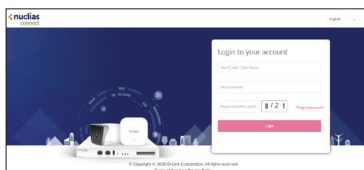


Figure 6

- Configure the device via its web interface after login successful.

Connecting through a Console Connection

Use a console cable to connect to the device's console port. This cable is a RS-232 serial to RJ-45 connector cable designed to use with this device. A terminal emulation program is required to connect to the console port on the device.

- Connect the RS-232 serial interface to the serial port of the management PC.
- Connect the RJ-45 interface to the console port of the device.
- Open a terminal emulation program on the management PC and configure the properties of the connection as follows:
 - The speed (baud): 115200 bps
 - The data bits: 8
 - The parity: None
 - The stop bits: 1
 - The flow control should be None.
- Connect to the device and the Limited Command Line Interface (CLI) should be available.

Installation

Mounting on a Solid Wall or Ceiling

The DNH-200 can be mounted on a solid wall¹ or in an EIA standard size 19-inch rack, which can be placed in wiring closet with other equipment. You can either hang the unit on the wall by using the wall mount keyholes on the rear of the unit or by using the supplied mounting bracket.

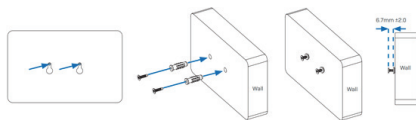


Figure 7

The following procedure explains how to use the keyholes.

- Use the wall mount template to mark the screw mounting positions on the wall.
- Drill the 2 supplied wall anchors into the wall at the marked positions and screw the 2 supplied screws into them. Make sure they stand out ~6.7mm.

3. Hang the device on the wall by aligning the key holes with the mounted screws.



Figure 8

*Before hanging the device on the wall or ceiling, please secure the HDD tray with the provided screw and make sure the tray opening is facing upwards to prevent it from falling out accidentally.

Mounting in an EIA standard size 19-inch rack

1. Attach the L-shaped mounting brackets to each side of the chassis as shown in Figure 9 and secure them with the screws provided.

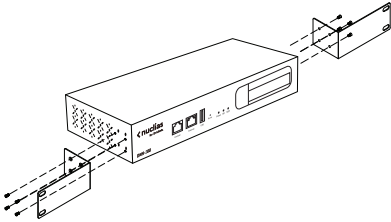


Figure 9: Attaching the Rack Mount Brackets

2. Mount the device in the rack using a screwdriver and the supplied rack-mounting screws.

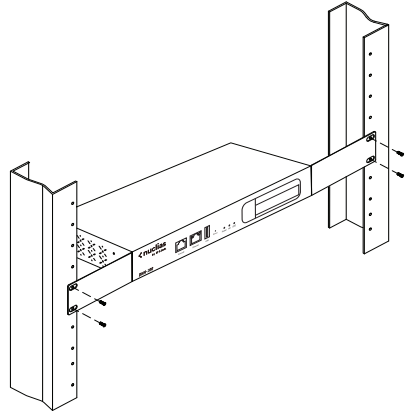


Figure 10: Installing in the Rack

Connecting Power

The power adapter² is shipped with the device. Connect the power connector of the adapter to the power input on the DNH-200 back panel, and plug the adapter into a nearby AC power source.

¹ User can find a mounting kit in the package. The screw diameter is $1.8\text{mm}\pm 0.15$ and its length is $16\text{mm}\pm 0.7$. The direction of power plug can be placed on a upside or downside for user's requirement.

² The power adapter is 12V/3A.



<http://www.dlink.com/support>



<http://www.dlink.com/warranty>

English



DISPOSING AND RECYCLING YOUR PRODUCT

This symbol on the product or packaging means that according to local laws and regulations this product should be not be disposed of in the household waste but sent for recycling. Please take it to a collection point designated by your local authorities once it has reached the end of its life, some will accept products for free. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health.

Bulgarian [България]



ИЗХВЪРЛЯНЕ И РЕЦИКЛИРАНЕ НА ВАШИЯ ПРОДУКТ

Този символ върху продукта или опаковката означава, че според местните закони и разпоредби, продуктът не бива да се изхвърля заедно с битови отпадъци, а да се изпрати за рециклиране. Моля, занесете го в посочения от местните власти пункт за събиране на отпадъци, след като вече е достигнал края на ползвания си живот. В някои пунктове се приемат такива продукти безплатно. Чрез рециклирането на продукта и опаковката по този начин, Вие помагате за опазването на природата и здравето на човека.

Czech [Česky]



LIKVIDACE A RECYKLACE VÝROBKU

Tento symbol na výrobku nebo jeho obalu znamená, že podle místně platných předpisů se výrobek nesmí vyhazovat do komunálního odpadu, ale odeslat k recyklaci. Až výrobek doslouží, odnešte jej prosím na sběrné místo určené místními úřady k tomuto účelu. Některá sběrná místa přijímají výrobky zdarma. Recyklací výrobku i obalu pomáháte chránit životní prostředí i lidské zdraví.

Croatian [Hrvatski]



ODLAGANJE I RECIKLIRANJE VAŠEG PROIZVODA

Ovaj simbol na pakiranju proizvoda znači da, sukladno lokalnim zakonima i propisima, ovaj proizvod ne treba odlagati u kućni otpad, nego ga treba poslati na recikliranje. Na kraju životnog vijeka proizvoda odnesite proizvod u sakupljalište otpada koji odrede vaše lokalne vlasti, neka sakupljališta besplatno preuzimaju proizvode. Recikliranjem proizvoda i njegovog pakiranja na ovaj način pomažete u očuvanju okoliša i zaštititi zdravlja ljudi.

Danish [Dansk]



BORTSKAFFELSE OG GENBRUG AF PRODUKTET

Dette symbol på produktet eller emballagen betyder, at dette produkt i henhold til lokale love og regler ikke må bortskaffes som husholdningsaffald, mens skal sendes til genbrug. Indlever produktet til et indsamlingssted som angivet af de lokale myndigheder, når det er nået til slutningen af dets levetid. I nogle tilfælde vil produktet blive modtaget gratis. Ved at indlevere produktet og dets emballage til genbrug på denne måde bidrager du til at beskytte miljøet og den menneskelige sundhed.

Dutch [Nederlands]



AFVALVERWERKING EN RECYCLING VAN UW PRODUCT

Dit symbool op het product of op de verpakking betekent dat dit product in overeenstemming met lokale wetgeving en regelgevingen niet als huishoudelijk vuil mag worden verwerkt, maar voor recycling moet worden ingeleverd. Wanneer dit product het einde van zijn levensduur bereikt, moet het bij een door de gemeente erkend verzamelpunt worden ingeleverd. Bepaalde producten worden gratis geaccepteerd. Door het product en de verpakking te recyclen beschermt u het milieu en de menselijke gezondheid.

Finnish [Suomi]



TUOTTEEN HÄVITTÄMINEN JA KIERRÄTTÄMINEN

Tämä symboli tuotteen pakkauksessa tarkoittaa, että paikallisten lakien ja säännösten mukaisesti tätä tuotetta ei pidä hävittää yleisen kotitalousjätteen seassa vaan se tulee toimittaa kierrätettäväksi. Kun tuote on elinkaarensa päässä, toimita se lähimpään viranomaisen hyväksymään kierrätyspisteeseen. Kierrättämällä käytetyn tuotteen ja sen pakkauksen autat tukemaan sekä ympäristön että ihmisten terveyttä ja hyvinvointia.

French [Français]



MISE AU REBUT ET RECYCLAGE DE VOTRE PRODUIT

Ce symbole sur le produit ou l'emballage signifie que, conformément aux lois et règlements locaux, ce produit ne doit pas être jeté avec les ordures ménagères mais envoyé au recyclage. Veuillez le déposer à un point de collecte désigné par vos autorités locales une fois qu'il a atteint la fin de sa vie ; certains accepteront les produits gratuitement. En recyclant le produit et son emballage de cette manière, vous contribuez à préserver l'environnement et à protéger la santé humaine.

German [Deutsch]



ENTSORGUNG UND RECYCLING IHRES PRODUKTS

Dieses Symbol auf dem Produkt oder der Verpackung weist darauf hin, dass dieses Produkt gemäß bestehender örtlicher Gesetze und Vorschriften nicht über den normalen Hausmüll entsorgt werden sollte, sondern einer Wiederverwertung zuzuführen ist. Bringen Sie es bitte zu einer von Ihrer Kommunalbehörde entsprechend amtlich ausgewiesenen Sammelstelle, sobald das Produkt das Ende seiner Nutzungsdauer erreicht hat. Für die Annahme solcher Produkte erheben einige dieser Stellen keine Gebühren. Durch ein auf diese Weise durchgeführtes Recycling des Produkts und seiner Verpackung helfen Sie, die Umwelt zu schonen und die menschliche Gesundheit zu schützen.

Greek [Ελληνικά]



ΑΠΟΡΡΙΨΗ ΚΑΙ ΑΝΑΚΥΚΛΩΣΗ ΤΟΥ ΠΡΟΪΟΝΤΟΣ

Αυτό το σύμβολο στο προϊόν ή στη συσκευασία σημαίνει ότι, σύμφωνα με την τοπική νομοθεσία και τους κανονισμούς, το προϊόν δεν πρέπει να απορρίπτεται μαζί με οικιακά απορρίμματα αλλά να αποστέλλεται για ανακύκλωση. Όταν φτάσει στο τέλος της ζωής του, προσκομίστε το σε ένα σημείο συλλογής καθορισμένο από τις τοπικές αρχές: ορισμένα σημεία δέχονται προϊόντα χωρίς χρέωση. Ανακυκλώνοντας το προϊόν και τη συσκευασία του με αυτόν τον τρόπο, συμβάλλετε στην προστασία του περιβάλλοντος και της ανθρώπινης υγείας.

Hungarian [Magyar]



A TERMÉK HULLADÉKKEZELÉSE ÉS ÚJRAFELHASZNÁLÁSA

Ez a szimbólum a terméken vagy a csomagoláson azt jelenti, hogy a helyi törvényeknek és szabályoknak megfelelően ez a termék nem semmisíthető meg a háztartási hulladékkal együtt, hanem újrahasznosításra kell küldeni. Kérjük, hogy a termék élettartamának elteltét követően vigye azt a helyi hatóság által kijelölt gyűjtőhelyre. A termékek egyes helyeken ingyen elhelyezhetők. A termék és a csomagolás újrahasznosításával segíti védeni a környezetet és az emberek egészségét.

Icelandic [Íslenska]



FÖRGUN OG ENDURVINNSLA VÖRUNNAR

Þetta tákn á vörinni eða umbúðunum þýðir að í samræmi við gildandi lög og reglugerðir skal ekki farga þessari vöru með heimilissorpi heldur skal senda hana til endurvinnslu. Vinsamlegast farðu með hana á söfnunarstað sveitarfélags þíns þegar hún hefur ná endingartíma sónum, sumir staðir taka við vörum án endurgjalds. Með því að endurvinna vöruna og umbúðir hennar með þessum hætti hjálpar þú að varðveita umhverfið og vernda heilsu manna.

Italian [Italiano]



SMALTIMENTO E RICICLO DEL PRODOTTO

La presenza di questo simbolo sul prodotto o sulla confezione del prodotto indica che, in conformità alle leggi e alle normative locali, questo prodotto non deve essere smaltito nei rifiuti domestici, ma avviato al riciclo. Una volta terminato il ciclo di vita utile, portare il prodotto presso un punto di raccolta indicato dalle autorità locali. Alcuni questi punti di raccolta accettano gratuitamente i prodotti da riciclare. Scegliendo di riciclare il prodotto e il relativo imballaggio, si contribuirà a preservare l'ambiente e a salvaguardare la salute umana.

Maltese [Malti]



IR-RIMI U R-RIČIKLAĠĠ TAL-PRODOTT TIEGHEK

Dan is-simbolu fuq il-prodott jew l-imballaġġ ifisser li skont il-liġijiet u r-regolamenti lokali dan il-prodott m'għandux jintrema fl-iskart domestiku imma jintbagħat għar-ričiklaġġ. Jekk jogħġbok huđu f'punt ta' għbir magħżul mill-awtoritajiet lokali tiegħek ladarba ma jkunx jista' jibqa' jintuża, xi whud jaččettaw prodotti b'xejn. Meta tirričikla l-prodott u l-ippakkjar tiegħu b'dan il-mod inti tghin biex tikkonserva l-ambjent u tiproteġi s-saħħa tal-bniedem.

Norwegian [Norsk]



AVHENDIG OG GJENVINNING AV PRODUKTET

Dette symbolet på produkt eller emballasje betyr at i henhold til lokale lover og forskrifter skal dette produktet ikke avhendes i husholdningsavfallet, men sendes for gjenvinning. Bring produktet til et innsamlingspunkt designert av dine lokale myndigheter etter at det har nådd enden av sitt livsløp. Enkelte vil akseptere produktet gratis. Ved å gjenvinne produktet og emballasjen på denne måten, hjelper du med å bevare miljøet og beskytte personhelse.

Polish [Polski]



UTYLIZACJA I RECYKLING PRODUKTU

Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednio do tego celu podmioty przyjmą takie produkty nieodpłatnie, dlatego, prosimy dostarczyć go do punktu zbiórki, wskazanego przez lokalne władze. Poprzez proces recyklingu i dzięki takiemu postępowaniu z produktem oraz jego opakowaniem, pomogą Państwo chronić środowisko naturalne i dbać o ludzkie zdrowie.

Portuguese [Português]



ELIMINAÇÃO E REICLAGEM DO SEU PRODUTO

Este símbolo no produto ou na embalagem significa que, de acordo com as leis e regulamentações locais, este produto não deverá ser eliminado juntamente com o lixo doméstico mas que deve ser enviado para reciclagem. Entregue-o para um ponto de recolha designado pelas suas autoridades locais no fim da sua vida útil. Alguns destes pontos aceitam os produtos gratuitamente. Ao reciclar o produto e a respetiva embalagem desta forma, ajuda a preservar o ambiente e protege a saúde humana.

Romanian [Română]



ELIMINAREA LA DEȘEURI ȘI RECICLAREA PRODUSULUI

Acest simbol aplicat pe produs sau pe ambalaj înseamnă că, în conformitate cu legile și reglementările locale, acest produs nu trebuie să fie aruncat cu deșeurile menajere, ci trebuie să fie trimis pentru reciclare. Vă rugăm ca, după ce a ajuns la sfârșitul duratei de viață, să îl predați la un centru de colectare desemnat de autoritățile locale. Unele dintre aceste centre acceptă produsele gratuit. Prin reciclarea produsului și a ambalajului său în acest mod, ajutați la conservarea mediului și la protecția sănătății umane.

Slovak [Slovenský]



LIKVIDÁCIA A RECYKLÁCIA VÝROBKU

Tento symbol na výrobku alebo na obale znamená, že v súlade s miestnymi zákonmi a predpismi nesmie byť tento výrobok likvidovaný v bežnom domovom odpade, ale musí byť odoslaný na recykláciu. Zaneste ho na zberné miesto určený miestnymi úradmi, keď uplynie jeho životnosť. Niektoré z nich prevezmú výrobok bezplatne. Recykláciou výrobku a jeho obalu týmto spôsobom pomáhate zachovávať životné prostredie a chrániť ľudské zdravie.

Slovenian [Slovenski]



ODLAGANJE IN RECIKLIRANJE IZDELKA

Ta simbol na izdelku ali embalaži pomeni, da izdelka v skladu z lokalno zakonodajo ali predpisi ni dovoljeno odvreči med gospodinjске odpadke, pač pa ga je treba reciklirati. Ko izdelek doseže konec svoje življenjske dobe, ga odnesite na zbirno mesto, ki so ga določili lokalni organi; nekateri sprejemajo izdelek brezplačno. Z recikliranjem izdelka in njegove embalaže na ta način pomagata ohranjati okolje in varovati zdravje ljudi.

Spanish [Español]



DESECHAR Y RECICLAR EL PRODUCTO

Este símbolo en el producto o el embalaje significa que, de acuerdo con la legislación y la normativa local, este producto no se debe desechar en la basura doméstica sino que se debe reciclar. Lívela a un punto de recogida designado por las autoridades locales una vez que haya llegado al final de su ciclo de vida; algunos aceptan productos de forma gratuita. Al reciclar el producto y su embalaje de esta manera, ayuda a conservar el medio ambiente y proteger la salud humana.

Swedish [Svenska]



KASSERING OCH ÅTERVINNING AV DIN PRODUKT

Den här symbolen på produkten eller förpackningen betyder att den här produkten enligt lokala lagar och bestämmelser inte ska kastas i hushållsavfallet utan lämnas in för återvinning. Ta den till en uppsamlingsplats som dina lokala myndigheter utsett när den har nått slutet av sin livslängd, vissa tar emot produkter kostnadsfritt. Genom att återvinna produkten och dess förpackning på det här sättet hjälper du till att bevara miljön och skydda människors hälsa.

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
Case	○	○	○	○	○	○
PCBA	×	○	○	○	○	○
Cable	○	○	○	○	○	○
<p>本表格依据 SJ/T 11364 的规定编制。</p> <p>○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。</p> <p>×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。</p> <p>(PCBA/ Power Supply/ Adapter 有部份零件 Pb 含量大于 1000 ppm 但符合欧盟豁免条款的要求)</p>						

NOTES

NOTES

D-Link[®]
Building Networks for People



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