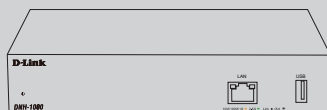


Quick Installation Guide

Nuclias Network Controller

DNH-1000



Additional documentation is also available on the D-Link website

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Before You Begin

This installation guide provides instructions for installing the DNH-1000 on your network. Additional documentation is also available on the D-Link support website.

- **DNH-1000 User Manual:** For additional information and instructions on how to configure the device using the web user interface.

Package Contents

This DNH-1000 package includes the following items:

- DNH-1000 Nucleus Network Controller
- Quick Start Guide
- Four foot pads
- 12V2A power adapter

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 with an installed Ethernet Adapter
- Internet Explorer 11, Safari 7, Firefox 28, or Google Chrome 33 and above (for configuration)

Hardware Overview

LED Indicators



Figure 1: Front Panel LED

#	LED	Description
1	Power	Solid Green - Power on completed and NC management system boot-up ready. Blinking Green (NORMAL) - The device and NC management system are under power-on process Blinking Green (FAST) - NC management system can't boot up
2	Link Speed (10/100/1000 Mbps)	Solid Amber - Port is operating at 10/100/1000 Mbps Light Off - No Link.
3	Link Speed (2500 Mbps)	Solid Green - Port is operating at 2500 Mbps Light Off - No Link.

Table 1: LED Description

Interface Connectors

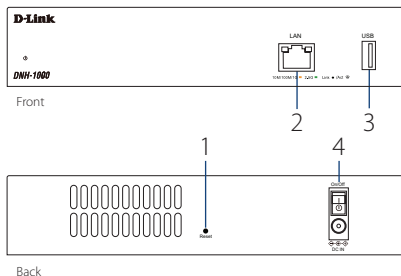


Figure 2: Connectors

#	Connector	Description
1	Reset	Used for rebooting or resetting the device back to factory default settings. (On the back)
2	Ethernet Port	Gigabit RJ-45 port for LAN connection.
3	USB Port	USB 3.0 Type A port (provides 5V/1A power for optional HDD connection).
4	Power Switch	Control the power on and off
Note Before turning off the power or removing the USB while it is inserted, recommend log in to the device Web UI and execute Shutdown (System Admin > Shutdown Configuration) to prevent unexpected data corruption.		

Table 2: Interface Description

Installation

The DNH-1000 can be powered using the following methods:

Using the Power Adapter

1. Connect the power connector of the adapter to the power input on the DNH-1000 and plug the adapter into a nearby power outlet.

Configuration

Using Nuclias Connect

The DNH-1000 comes preloaded with Nuclias Connect. For detailed instructions on the use of Nuclias Connect please refer to the **Nuclias Connect Manual**.

Manual Configuration

Note: D-Link recommends manually configuring the device before mounting it. The management computer, DHCP server and DNH-1000 must be in the same subnet.

Use one of the following methods to access the web user interface:

Connecting through Ethernet

You need the following equipment to access the Web UI of your device:

- A PC with a RJ-45 Ethernet connection
- A standard Ethernet cable

1. Use an Ethernet cable to connect the DNH-1000 to the management computer or to the switch or router the management computer is connected.
2. Manage the device from a computer by entering **https://192.168.0.200:4433** in your browser's address field.
3. Log in to the administration user interface. The default login information is
 Username: **admin**
 Password: **admin**

Username:

Password:

Log In

4. Manage the Nuclias Connect from a computer by entering `https://192.168.0.200:443` in your browser's address field.
5. Log in to the administration user interface.
The default login information is
Username: admin
Password: admin

Connecting Power

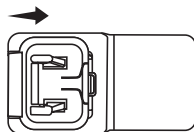
To connect the device to a power source, plug one end of the AC power adapter into the AC power connector on the back panel of the device, and plug the other end into an AC power outlet.

Instruction and Cautionary Statement

The AC adapter plug of this product is detachable. If an abnormal force is applied to the AC adapter such as by cable tripping, it may generate a gap between AC plug and AC adapter, or the plug may be separated from the adapter. In addition, if the AC plug is broken and you keep using it, there may be a risk of a spark, ignition or smoke. If the AC plug is not attached properly or broken as stated above, stop using the product immediately.



Align the pin assembly with the adapter body.



Slide the pin assembly into the adapter body until it snaps into place.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

警告: 为避免電磁干擾，本產品不應安裝或使用於住宅環境。

Warning: To avoid electromagnetic interference, this product should not be installed or used in residential environments.



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



<https://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 посоченият от местните власти пункт за събиране на отпадъци, след като вече е достигнал края на ползването си. 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 zaštiti 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 recycelen 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 vörunni 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-ispart 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 tipproteġi 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 odpowiednie 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 RECICLAGEM 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. Zanešte 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 gospodinjske 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 izdelke brezplačno. Z recikliranjem izdelka in njegove embalaže na ta način pomagate 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.

產品中有害物質的名稱及含量

部件名稱	有害物質					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr(VI))	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
Case	○	○	○	○	○	○
PCBA	×	○	○	○	○	○
Cable	○	○	○	○	○	○

本表格依據 SJ/T 11364 的規定編制。

○：表示該有害物質在該部件所有均質材料中的含量均在 GB/T 26572 規定的限量要求以下。

×

NOTES

NOTES



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