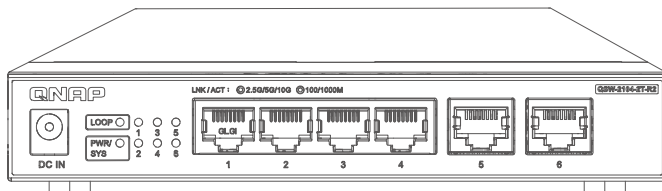


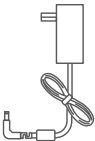
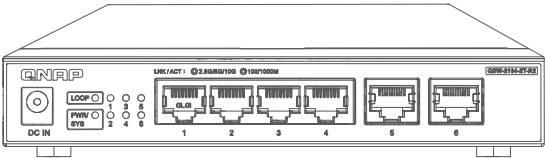


QSW-2104-2T-R2

Quick Installation Guide

快速安裝手冊 빠른 설치 설명서 Guía de Instalación Rápida
クイックインストールガイド Hızlı Kurulum Kılavuzu
คู่มือการติดตั้งแบบเร็ว Gyors telepítési útmutató
Instrukcja szybkiej instalacji Průvodce rychlou in
Kurzinstallationsanleitung 快速安裝指南
Guida di installazione rapida Pika-asennusopas
Краткое руководство по установке
Snabbinstallationsguide
Guia de Instalação Rápida
Hurtiginstallasjonsveiledning
Hurtig installationsvejledning
Pika-asennusopas Installatiegids
Snelle Installatiegids





Power supply



Bracket screws



Anchors



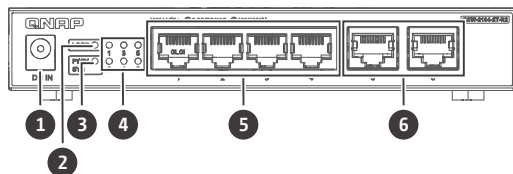
Foot pads



Quick installation guide

Specifications

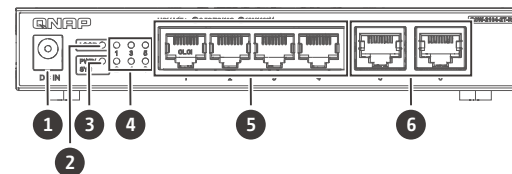
Model	QSW-2104-2T-R2
Dimensions (H x W x D)	26x160x110 mm
Net weight	450 g
Input voltage range	I/P: 100-240VAC, 50/60Hz, 0.6A O/P: 12.0VDC, 1.5A, 18.0W
Switching bandwidth	60 Gbps
10GbE RJ45 ports	2
2.5GbE RJ45 ports	4
Operating temperature	0°C–40°C (32°F –104°F)
Relative humidity	10% to 90% (non-condensing)



1. Power input	4. Port Status LED
2. Loop indicator	5. 2.5GbE RJ45 Port
3. Power LED	6. 10GbE RJ45 Port

LED Behavior

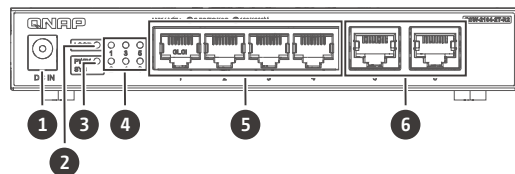
LED	Status	Description
Power	Off	Device is off
	Green	Device is on
Loop indicator	Off	Normal
	Red	A network loop was detected and loop protection has disabled the port
2.5GbE RJ45 Ports	Off	Disconnected or Fail
	Green	2.5Gbps connected
	Amber	100/1000Mbps connected
	Blinking	Data transmitting
10GbE RJ45 Ports	Off	Disconnected or fail
	Green	10G/5G/2.5Gbps connected
	Amber	100/1000Mbps connected
	Blinking	Data transmitting



1. Anschluss für Netzkabel	4. Poortstatus-LED
2. Schleifenanzeige	5. 2.5GbE RJ45 ports
3. Betriebsanzeige-LED	6. 10GbE RJ45 ports

LED Verhalten

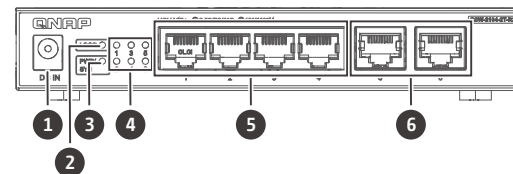
LED	Status	Beschreibung
Ein/Aus	Aus	Gerät ist ausgeschaltet
	Grün	Gerät ist eingeschaltet
Schleifenanzeige	Aus	Normal
	Rot	Es wurde eine Netzwerkschleife erkannt und der Schleifenschutz hat den Port deaktiviert
2,5GbE RJ45 Ports	Aus	Getrennt oder Verbindung fehlgeschlagen
	Grün	2,5Gbps Verbunden
	Gelb	100/1000Mbps Verbunden
	Blinkend	Daten werden übertragen
10GbE RJ45 Ports	Aus	Getrennt oder Verbindung fehlgeschlagen
	Grün	10G/5G/2,5Gbps Verbunden
	Gelb	100/1000Mbps Verbunden
	Blinkend	Daten werden übertragen



1. Entrée d'alimentation	4. Voyant d'état du port
2. Indicateur de boucle	5. Ports 2,5GbE RJ45
3. Témoin d'alimentation	6. Ports 10GbE RJ45

Comportement de la LED

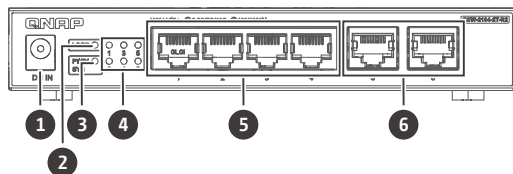
LED	État	Description
Alimentation	Désactivé	L'appareil est désactivé
	Vert	L'appareil est activé
Indicateur de boucle	Désactivé	Normal
	Rouge	Une boucle réseau a été détectée et la protection contre les boucles a désactivé le port
Ports 2,5GbE RJ45	Désactivé	Déconnecté ou échec de la connexion
	Vert	2,5Gbps Connecté
	Orange	100/1000Mbps Connecté
	Clignotant	Les données sont transmises
Ports 10GbE RJ45	Désactivé	Déconnecté ou échec de la connexion
	Vert	10G/5G/2,5Gbps Connecté
	Orange	100/1000Mbps Connecté
	Clignotant	Les données sont transmises



1. Ingresso alimentazione	4. LED di stato della porta
2. Indicatore loop	5. Porte 2,5GbE RJ45
3. LED di alimentazione	6. Porte 10GbE RJ45

Comportamento del LED

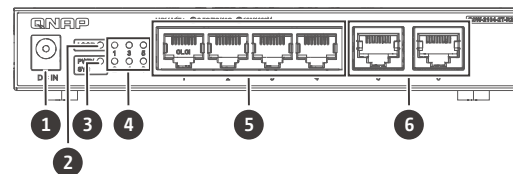
LED	Stato	Descrizione
Alimentazione	Disattivo	Dispositivo
	Verde	Dispositivo acceso
Indicatore loop	Disattivo	Normale
	Rosso	È stato rilevato un loop di rete e la
Porte 2,5GbE RJ45	Disattivo	Disconnesso o impossibile connettersi
	Verde	2,5Gbps Connesso
	Ambra	100/1000Mbps Connesso
	Lampeggiante	Dati in trasmissione
Porte 10GbE RJ45	Disattivo	Disconnesso
	Verde	10G/5G/2,5Gbps Connesso
	Ambra	100/1000Mbps Connesso
	Lampeggiante	Dati in trasmissione



1. Entrada de alimentación	4. LED de estado del puerto
2. Indicador de bucle	5. Puertos 2,5GbE RJ45
3. LED de alimentación	6. Puertos 10GbE RJ45

Comportamiento del LED

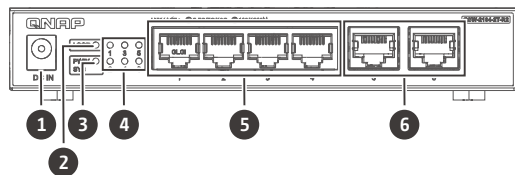
LED	Estado	Descripción
Alimentación	Apagado	El dispositivo está apagado
	Verde	El dispositivo está encendido
Indicador de bucle	Apagado	Normal
	Rojo	Se ha detectado un bucle de red y la protección frente a bucles ha desactivado el puerto
Puertos 2,5GbE RJ45	Apagado	Desconectado o fallo al conectar
	Verde	2,5Gbps Conectado
	Ámbar	100/1000Mbps Conectado
	Parpadeante	Se están transmitiendo datos
Puertos 10GbE RJ45	Apagado	Desconectado o fallo al conectar
	Verde	10G/5G/2,5Gbps Conectado
	Ámbar	100/1000Mbps Conectado
	Parpadeante	Se están transmitiendo datos



1. 電源輸入	4. 連接埠狀態 LED
2. 迴圈指示燈	5. 2.5GbE RJ45 埠
3. 電源 LED 燈	6. 10GbE RJ45 埠

LED 燈號

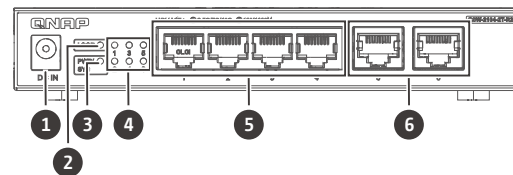
LED	狀態	說明
電源	關閉	裝置關機
	綠色	裝置開機
迴圈指示燈	關閉	常態
	紅色	偵測到網路迴圈·迴圈防護已停用連接埠
2.5GbE RJ45 埠	關閉	中斷連線或連線失敗
	綠色	2.5Gbps 連線
	琥珀色燈	100/1000Mbps 連線
	閃爍	資料傳輸
10GbE RJ45 埠	關閉	中斷連線或連線失敗
	綠色	10G/5G/2.5Gbps 連線
	琥珀色燈	100/1000Mbps 連線
	閃爍	資料傳輸



1. 电源输入	4. 端口状态 LED
2. 环路指示灯	5. 2.5GbE RJ45 端口
3. 电源 LED	6. 10GbE RJ45 端口

LED 行为

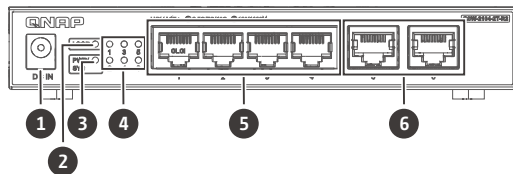
LED	状态	描述
电源	熄灭	设备关机
	绿色	设备开机
环路指示灯	熄灭	常态
	红色	检测到网络循环 · 循环保护已禁用该端口
2.5GbE RJ45 端口	熄灭	没有网络连接
	绿色	2.5Gbps 已连接
	琥珀色	100/1000Mbps 已连接
	闪烁	正在传输数据
10GbE RJ45 端口	熄灭	没有网络连接
	绿色	10G/5G/2.5Gbps 已连接
	琥珀色	100/1000Mbps 已连接
	闪烁	正在传输数据



1. 電源入力	4. ポートステータス LED
2. ループインジケータ	5. 2.5GbE RJ45 ポート
3. 電源 LED	6. 10GbE RJ45 ポート

LED の動作

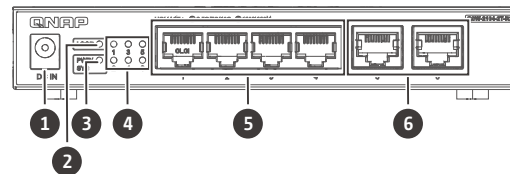
LED	状態	説明
電源	オフ	デバイスがオフです
	緑色	デバイスがオンです
ループインジケータ	オフ	通常
	赤色	護がポートを無効にしました
2.5GbE RJ45 ポート	オフ	切断されましたまたは接続に失敗しました
	緑色	2.5G bps connected
	琥珀色	100/1000Mbps connected
	点滅	データ送信中です
10GbE RJ45 ポート	オフ	切断されましたまたは接続に失敗しました
	緑色	10G/5G/2.5Gbps 接続済み
	琥珀色	100/1000Mbps 接続済み
	点滅	データ送信中です



1. อินพุตพลังงาน	4. ไฟ LED แสดงสถานะพอร์ต
2. ไฟแสดงผลลูป	5. พอร์ต 2.5GbE RJ45
3. ไฟ LED พลังงาน	6. พอร์ต 10GbE RJ45

พฤติกรรม LED

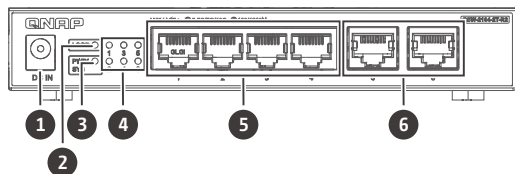
LED	สถานะ	คำอธิบาย
พลังงาน	ปิด	อุปกรณ์ปิดอยู่
	เขียว	อุปกรณ์เปิดอยู่
ไฟแสดงผลลูป	ปิด	ปกติ
	สีแดง	ตรวจพบลูปเครือข่ายและการป้องกันลูปได้ปิดใช้งานพอร์ต
พอร์ต 2.5GbE RJ45	ปิด	ไม่มีการเชื่อมต่อเครือข่าย
	เขียว	2.5Gbps เชื่อมต่อแล้ว
	สีเหลืองอำพัน	100/1000Mbps เชื่อมต่อแล้ว
	กะพริบ	กำลังส่งข้อมูล
พอร์ต 10GbE RJ45	ปิด	ไม่มีการเชื่อมต่อเครือข่าย
	เขียว	10G/5G/2.5Gbps เชื่อมต่อแล้ว
	สีเหลืองอำพัน	100/1000Mbps เชื่อมต่อแล้ว
	กะพริบ	กำลังส่งข้อมูล



1. Wejście zasilania	4. Dioda LED stanu portu
2. Wskaźnik pętli	5. Porty 2,5 GbE RJ45
3. Dioda LED zasilania	6. Porty 10GbE RJ45

Zachowanie diod LED

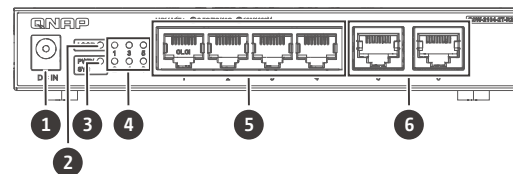
Dioda LED	Status	Opis
Zasilanie	Wył.	Urządzenie wyłączone
	Zielony	Urządzenie włączone
Wskaźnik pętli	Wył.	Normalny
	Czerwony	Wykryto pętlę sieciową, a ochrona pętli wyłączyła port
Porty 2,5 GbE RJ45	Wył.	Rozłączono lub nie udało się połączyć
	Zielony	2.5G bps connected
	Żółty	100/1000Mbps connected
	Migająca	Trwa transfer danych
Porty 10 GbE RJ45	Wył.	Rozłączono lub nie udało się połączyć
	Zielony	10G/5G/2,5Gbps Połączono
	Żółty	100/1000Mbps Połączono
	Migająca	Trwa transfer danych



1. Entrada de alimentação	4. LED de estado da porta
2. Wskaźnik pęti	5. Portas RJ45 de 2.5 GbE
3. LED de energia	6. Portas RJ45 de 10 GbE

Comportamento dos LED

Dioda LED	Estado	Descrição
Energia	Desligado	O dispositivo está desligado
	Verde	O dispositivo está ligado
Wskaźnik pęti	Desligado	Normal
	Vermelha	Foi detetado um ciclo de rede e a proteção de ciclo desativou a porta
Porty 2,5 GbE RJ45	Desligado	Desconectado devido à falha na conexão
	Verde	2.5Gbps Ligado
	Âmbar	100/1000Mbps Ligado
	Intermitente	Transmissão de dados
Porty 10 GbE RJ45	Desligado	Desconectado devido à falha na conexão
	Verde	10G/5G/2.5Gbps Ligado
	Âmbar	100/1000Mbps Ligado
	Intermitente	Transmissão de dados



1. 전원 입력	4. 포트 상태 LED
2. 루프 표시기	5. 2.5GbE RJ45 포트
3. 전원 LED	6. 10GbE RJ45 포트

LED 동작

LED	상태	설명
전원	꺼짐	장치 꺼짐
	녹색	장치 켜짐
루프 표시기	꺼짐	일반
	빨간색	당 포트를 비활성화했습니다
2.5GbE RJ45 포트	꺼짐	연결이 끊어졌거나 연결에 실패했습니다
	녹색	2.5Gbps 연결됨
	황색	100/1000Mbps 연결됨
	깜박임	데이터 전송 중입니다
10GbE RJ45 포트	꺼짐	연결이 끊어졌거나 연결에 실패했습니다
	녹색	10G/5G/2.5Gbps 연결됨
	황색	100/1000Mbps 연결됨
	깜박임	데이터 전송 중입니다



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.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Class B Notice:

This equipment has been tested and found to comply with the limits for a Class B 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 or more 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/television technician for help.

Modifications:

Any modifications made to this device that are not approved by QNAP Systems, Inc. may void the authority granted to the user by the FCC to operate this equipment.



This device complies with CE compliance Class B.



According to the requirement of the WEEE legislation the following user information is provided to customers for all branded QNAP products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



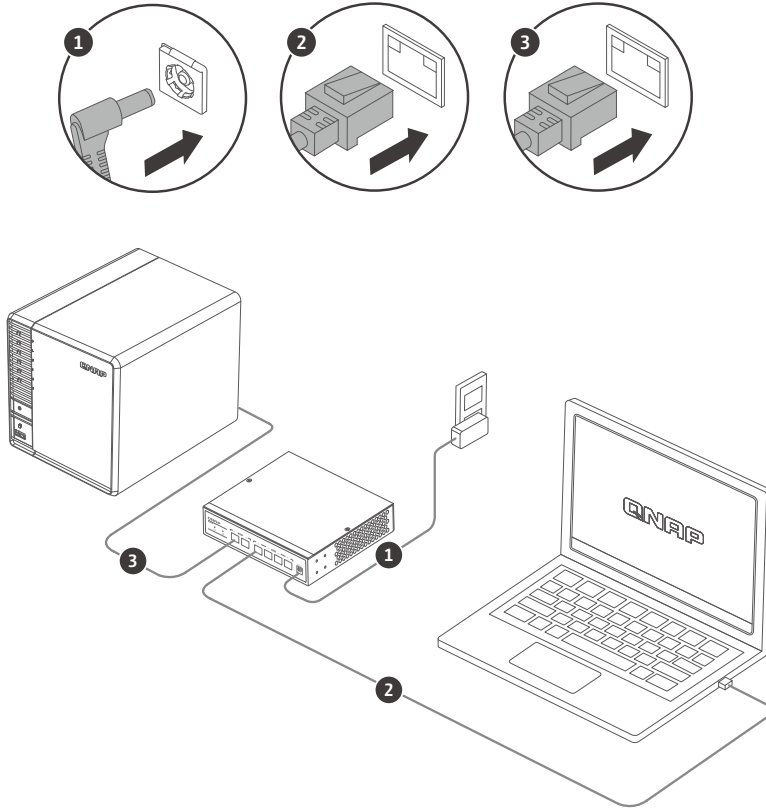
Office in EU;
QNAP GmbH,
Karl-Arnold-Straße 26,
47877 Willich, Germany

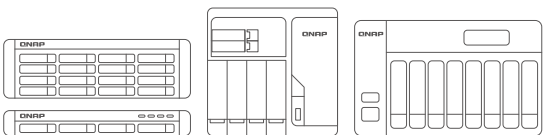
Office in UK;
QNAP Ltd,
2 Drakes Meadow, Swindon SN3 3LL
United Kingdom

This device complies with the UKCA requirements for products sold in Great Britain.



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