

Package content



Interruptor UniFi



Cable de alimentación



Tornillos de sujeción (cant.: 4)



Tuercas enjauladas (cant.: 4)

installation requirements

- Phillips screwdriver
- Standard size, 19" rack width with a minimum 1U height
- For indoor applications, use Category 5 (or higher) UTP cabling certified for indoor use.
- For outdoor applications, Category 5 (or higher) shielded cabling must be used for all Ethernet connections and must be connected to the AC ground of the power supply.
- We recommend that you protect your networks from harmful outdoor environments and electrostatic discharge phenomena with Ubiquiti's industrial grade shielded Ethernet cable.

For more details, visit: ui.com/toughcable



Nota: A pesar de que el cableado puede colocarse en el exterior, el EdgeSwitch debe guardarse dentro de una carcasa protectora.

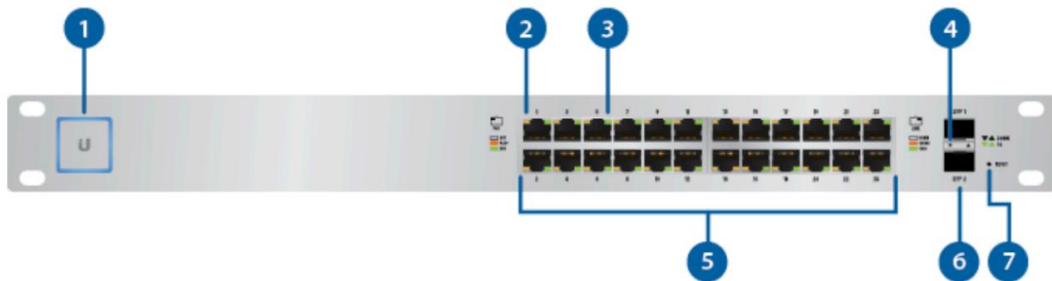


IMPORTANTE: Recomendamos encarecidamente utilizar la regulación de potencia y el apoyo de una fuente de alimentación ininterrumpida para evitar daños en el equipo debido a problemas de estabilidad en la alimentación de CA local.

System Requirements

- Linux, Mac OS X or Microsoft Windows 7/8/10
- Java Runtime Environment 1.6 (1.8 or later is recommended)
- Web browser: Mozilla Firefox, Google Chrome, Microsoft Edge or Microsoft Internet Explorer 11
- UniFi Controller v5.4. xo superior

hardware description



1 LED del sistema	
Haga clic aquí para ver descripciones detalladas.	
2 LED de PoE RJ45 (puertos 1 - 24)	
Desactivada	Sin PoE
Ámbar	IEEE 802.3af/802.3at
Verde	PoE pasivo de 24 Vcd
3 LED de velocidad/enlace/actividad RJ45 (puertos 1 - 24)	
Desactivada	Sin conectar
Ámbar	Enlace establecido a 10/100 Mbps El parpadeo indica actividad
Verde	Enlace establecido a 1000 Mbps El parpadeo indica actividad
4 LED de velocidad/enlace/actividad SFP (puertos 1 - 2)	
Desactivada	Sin conectar
Verde	Enlace establecido a 1 Gbps El parpadeo indica actividad
5 RJ45 (puertos 1 - 24)	
Los puertos RJ45 admiten alimentación a través de Ethernet (PoE) y conexiones Ethernet de 10/100/1000.	
6 SFP (puertos 1 - 2)	
Los puertos SFP son intercambiables en caliente y admiten conexiones de 1 Gbps.	
7 Botón Reset (Restablecimiento)	
Este botón tiene dos funciones en el interruptor UniFi:	
<ul style="list-style-type: none">• Reiniciar: pulse y suelte rápidamente el botón Reset (Restablecimiento).• Restaurar la configuración predeterminada de fábrica: mantenga pulsado el botón Reset (Restablecimiento) durante más de cinco segundos.	

Panel posterior



8 Puerto de consola

Puerto de consola serie RJ45 para la gestión de la interfaz de línea de comandos (CLI). Utilice un cable de consola serie RJ45-DB9, también conocido como cable de sustitución, para conectar el puerto de consola a su ordenador. A continuación, configure las siguientes opciones según sea necesario:

- Velocidad en baudios 115200
- Bits de datos 8
- Paridad NINGUNA
- Bits de parada 1
- Control de flujo: NINGUNO

9 Puerto de alimentación

Conecte el cable de alimentación incluido al puerto de alimentación.

hardware installation

1.



2.

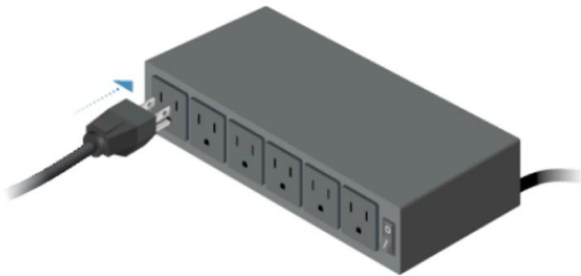


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3.



ethernet connection



Use SFP ports

1.



2.



3.



For more information on supported fiber SFP modules, visit: community.ubnt.com/unifi

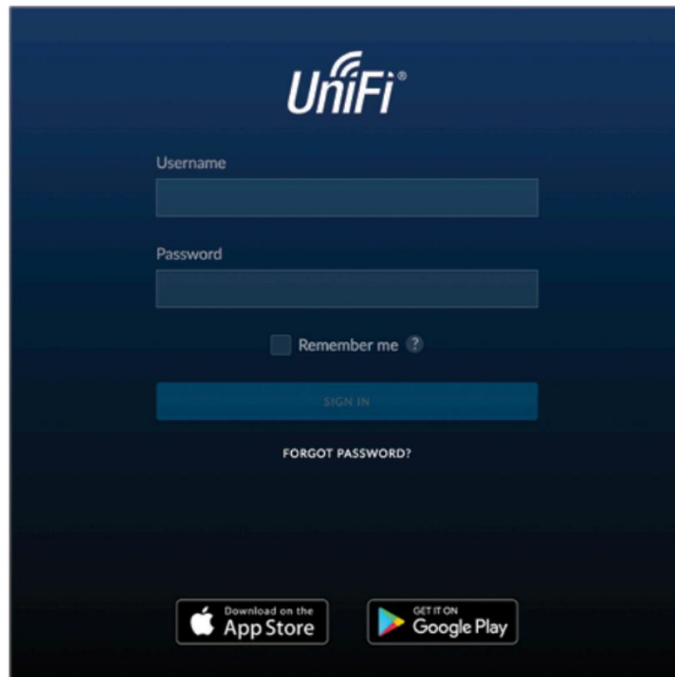
Software installation

Download and install the latest version of the UniFi driver software at ui.com/download/unifi and follow the instructions on the screen.



Nota: Si ya tiene el controlador UniFi v5.4.x o un modelo superior instalado, vaya a la sección Implementación del interruptor UniFi.

Once you have installed the software and run the UniFi Setup Wizard, a login screen for the UniFi Controller management interface will appear. Enter the administrator name and password you created and click Sign In.



You can manage your wireless network and view network statistics through the UniFi Controller's management interface.

To implement the UniFi Switch, go to the UniFi Switch Implementation section.

For information on setting up and using the UniFi Controller software, see the user guide located on our website: ui.com/download/unifi

Implementing the UniFi Switch 1. From the UniFi controller panel, click Devices on the bar left of the menu.



2. Locate the UniFi switch in the list of devices in the Model column.
Click Adopt.

The screenshot shows the 'DEVICES' page in the UniFi controller. The table lists various devices with columns for Device Name, IP Address, Status, Model, Version, Uptime, and Actions. The first device is a UniFi Switch 16 PoE-150W, which is the target of the adoption process.

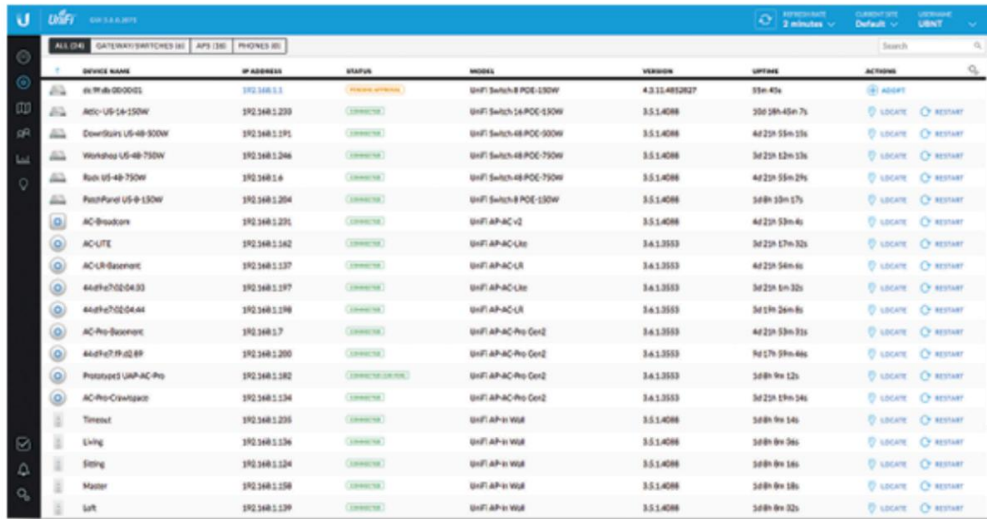
DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	UPTIME	ACTIONS
UniFi-Switch-16-PoE-150W	192.168.1.1	CONNECTED	UniFi-Switch-16-PoE-150W	4.3.11.4852827	55m 45s	ADOPT
Atto-US-56-150W	192.168.1.233	CONNECTED	UniFi-Switch-16-PoE-150W	3.5.1.4088	10d 18h 45m 7s	LOCATE RESTART
DownStair-US-48-900W	192.168.1.191	CONNECTED	UniFi-Switch-48-PoE-900W	3.5.1.4088	4d 21h 55m 15s	LOCATE RESTART
Workshop-US-48-750W	192.168.1.245	CONNECTED	UniFi-Switch-48-PoE-750W	3.5.1.4088	3d 21h 52m 13s	LOCATE RESTART
Rack-US-48-750W	192.168.1.6	CONNECTED	UniFi-Switch-48-PoE-750W	3.5.1.4088	4d 21h 55m 29s	LOCATE RESTART
PatchPanel-US-8-150W	192.168.1.204	CONNECTED	UniFi-Switch-8-PoE-150W	3.5.1.4088	1d 8h 10m 17s	LOCATE RESTART
AC-Broadcom	192.168.1.231	CONNECTED	UniFi-AP-AC-v2	3.5.1.4088	4d 21h 53m 4s	LOCATE RESTART
AC-LITE	192.168.1.162	CONNECTED	UniFi-AP-AC-Lite	3.6.1.3553	3d 21h 17m 32s	LOCATE RESTART
AC-LR-Basement	192.168.1.137	CONNECTED	UniFi-AP-AC-LR	3.6.1.3553	4d 21h 54m 4s	LOCATE RESTART
44-09-k7-Q2-04-33	192.168.1.197	CONNECTED	UniFi-AP-AC-Lite	3.6.1.3553	3d 21h 1m 32s	LOCATE RESTART
44-09-k7-Q2-04-44	192.168.1.198	CONNECTED	UniFi-AP-AC-LR	3.6.1.3553	3d 19h 26m 8s	LOCATE RESTART
AC-Pro-Basement	192.168.1.7	CONNECTED	UniFi-AP-AC-Pro Gen2	3.6.1.3553	4d 21h 53m 31s	LOCATE RESTART
44-09-k7-PF-d2-89	192.168.1.200	CONNECTED	UniFi-AP-AC-Pro Gen2	3.6.1.3553	9d 17h 59m 46s	LOCATE RESTART
Prototype1-UIAP-AC-Pro	192.168.1.182	CONNECTED	UniFi-AP-AC-Pro Gen2	3.6.1.3553	1d 8h 9m 32s	LOCATE RESTART
AC-Pro-Crowlspace	192.168.1.134	CONNECTED	UniFi-AP-AC-Pro Gen2	3.6.1.3553	3d 21h 19m 14s	LOCATE RESTART
Timeout	192.168.1.235	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 9m 54s	LOCATE RESTART
Living	192.168.1.136	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 8m 36s	LOCATE RESTART
Sitting	192.168.1.124	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 8m 18s	LOCATE RESTART
Master	192.168.1.158	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 8m 18s	LOCATE RESTART
Gar	192.168.1.139	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 8m 32s	LOCATE RESTART
Basement	192.168.1.140	CONNECTED	UniFi-AP-In-Wall	3.5.1.4088	1d 8h 8m 25s	LOCATE RESTART
24-06-3c-94-2f-09	192.168.1.122	CONNECTED	UniFi-AP-Outdoor+	3.5.1.4088	3d 17h 22m 54s	LOCATE RESTART
Pro-mantiss2	192.168.1.164	CONNECTED	UniFi-AP-Pro	3.5.1.4088	1d 8h 20m 25s	LOCATE RESTART
Pro-mantiss	192.168.1.141	CONNECTED	UniFi-AP-Pro	3.5.1.4088	3d 21h 16m 49s	LOCATE RESTART

3. The UniFi Switch system LED will turn blue to confirm that the successfully implemented.

To configure PoE settings, go to Configuring PoE Settings section.

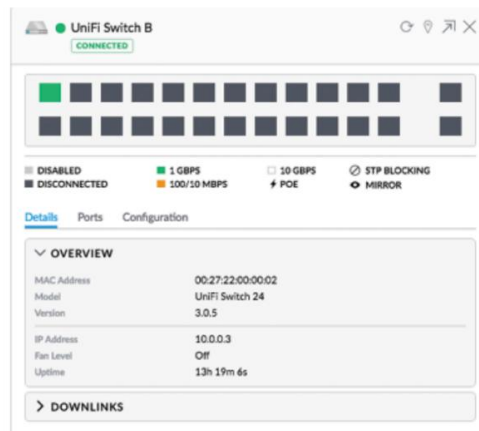
Configuring PoE Settings

1. On the Devices screen, locate the UniFi switch. Click on the switch to access its settings.

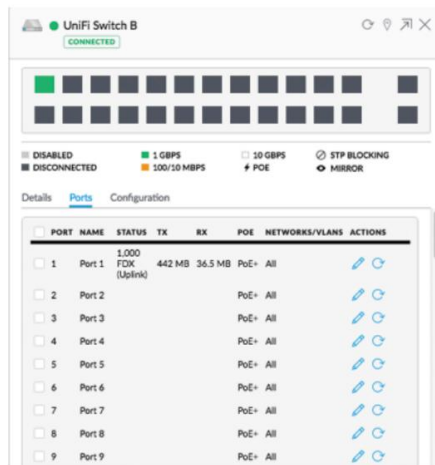


DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	UPTIME	ACTIONS
UniFi Switch B	192.168.1.1	CONNECTED	UniFi Switch 8 PoE 130W	4.3.11.4852827	31m 40s	LOCATE RESTART
ADU-US-14-130W	192.168.1.239	CONNECTED	UniFi Switch 14 PoE 130W	3.5.1.4088	200 58m 45m 7s	LOCATE RESTART
Downstairs US-48-930W	192.168.1.191	CONNECTED	UniFi Switch 48 PoE 930W	3.5.1.4088	4d 23h 53m 33s	LOCATE RESTART
Workshop US-48-730W	192.168.1.244	CONNECTED	UniFi Switch 48 PoE 730W	3.5.1.4088	3d 23h 12m 13s	LOCATE RESTART
Room US-48-730W	192.168.1.6	CONNECTED	UniFi Switch 48 PoE 730W	3.5.1.4088	4d 23h 53m 29s	LOCATE RESTART
Pool Pump US-8-130W	192.168.1.204	CONNECTED	UniFi Switch 8 PoE 130W	3.5.1.4088	3d 8m 13m 17s	LOCATE RESTART
AC-Basement	192.168.1.231	CONNECTED	UniFi AP-AC-v2	3.5.1.4088	4d 23h 53m 4s	LOCATE RESTART
AC-LITE	192.168.1.142	CONNECTED	UniFi AP-AC-Lite	3.6.1.3553	3d 23h 17m 32s	LOCATE RESTART
AC-LR-Basement	192.168.1.137	CONNECTED	UniFi AP-AC-LR	3.6.1.3553	4d 23h 54m 4s	LOCATE RESTART
64d9e702d433	192.168.1.197	CONNECTED	UniFi AP-AC-Lite	3.6.1.3553	3d 23h 5m 32s	LOCATE RESTART
64d9e702d444	192.168.1.194	CONNECTED	UniFi AP-AC-LR	3.6.1.3553	3d 19m 26m 8s	LOCATE RESTART
AC-Pro-Basement	192.168.1.7	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	4d 23h 53m 33s	LOCATE RESTART
64d9e77f0289	192.168.1.200	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	4d 17h 39m 46s	LOCATE RESTART
Prototype3 UAP-AC-Pro	192.168.1.182	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	3d 8m 9m 12s	LOCATE RESTART
AC-Pro-Clothespace	192.168.1.134	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	3d 23h 19m 34s	LOCATE RESTART
Timeout	192.168.1.236	CONNECTED	UniFi AP-i WiG	3.5.1.4088	3d 8m 9m 14s	LOCATE RESTART
Living	192.168.1.136	CONNECTED	UniFi AP-i WiG	3.5.1.4088	3d 8m 9m 9s	LOCATE RESTART
Sting	192.168.1.134	CONNECTED	UniFi AP-i WiG	3.5.1.4088	3d 8m 9m 18s	LOCATE RESTART
Master	192.168.1.138	CONNECTED	UniFi AP-i WiG	3.5.1.4088	3d 8m 9m 18s	LOCATE RESTART
Gar	192.168.1.139	CONNECTED	UniFi AP-i WiG	3.5.1.4088	3d 8m 9m 32s	LOCATE RESTART

2. Click the Ports tab.

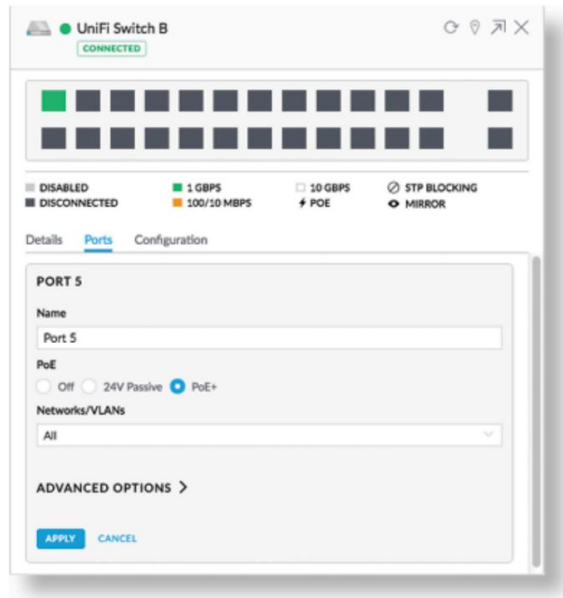


3. Click Actions for the port you want to configure.



PORT NAME	STATUS	TX	RX	POE	NETWORKS/VLANS	ACTIONS
1 Port 1	1,000 FDX (Up/Link)	442 MB	36.5 MB	PoE+	All	LOCATE RESTART
2 Port 2				PoE+	All	LOCATE RESTART
3 Port 3				PoE+	All	LOCATE RESTART
4 Port 4				PoE+	All	LOCATE RESTART
5 Port 5				PoE+	All	LOCATE RESTART
6 Port 6				PoE+	All	LOCATE RESTART
7 Port 7				PoE+	All	LOCATE RESTART
8 Port 8				PoE+	All	LOCATE RESTART
9 Port 9				PoE+	All	LOCATE RESTART

4. Select the appropriate PoE setting: Off, 24V Passive, or PoE+. Then click Apply.



For more information, please refer to the user guide located on our website: ui.com/download/unifi

Specifications

US-24-250W/US-24-500W	
Dimensiones	485 x 43.7 x 285.4 mm (19.09 x 1.72 x 11.24")
Peso	
US-24-250W	4.7 kg (10.4 lb)
US-24-500W	4.8 kg (10.6 lb)
Tasa total de línea sin bloqueo	26 Gbps
Consumo máximo de energía	
US-24-250W	250W
US-24-500W	500W
Método de alimentación	100-240 V CA/50-60 Hz, entrada universal
Fuente de alimentación	
US-24-250W	CA/CC, interno, 250W CC
US-24-500W	CA/CC, interno, 500W CC
Montaje en bastidor	Sí, 1 U de alto
Protección ESD/EMP	Aire: ± 24 kV, contacto: ± 24 kV
Impactos y vibraciones	ETSI300-019-1/4 estándar
LEDs por puerto	
Puerto de datos RJ45	PoE, velocidad/enlace/actividad
Puerto de datos SFP	Velocidad/enlace/actividad
Interfaces	
Interfaces de red	(24) puertos Ethernet RJ45 de 10/100/1000 (2) puertos Ethernet SFP de 1 Gbps
Interfaz de control	(1) puerto serie RJ45 fuera de banda, Ethernet en banda
Temperatura de funcionamiento	De -5 a 40° C (de 23° F a 104° F)
Humedad de funcionamiento	5 a 95 % sin condensación
Certificaciones	CE, FCC, IC
PoE por puerto	
Interfaces de PoE	PoE+ IEEE 802.3af/at (tomas: 1, 2+; 3, 6-)
Máx. potencia en vatios de PoE+ por puerto por PSE	34.2W
Modo de rango de tensión 802.3at	50–57 Vcd

safety instructions

1. Read, follow and save these instructions.
2. Pay attention to all warnings.
3. Only use the devices or accessories indicated by the manufacturer.



ADVERTENCIA: La falta de ventilación adecuada puede provocar riesgo de incendio. Mantenga al menos 20 mm de separación junto a los orificios de ventilación para que haya una ventilación adecuada.



ADVERTENCIA: Para reducir el riesgo de incendio o descarga eléctrica, no exponga el producto a la lluvia ni a la humedad.



ADVERTENCIA: No utilice este producto en un lugar en el que pueda sumergirse en agua.



ADVERTENCIA: Evite utilizar este producto durante una tormenta eléctrica. Existe la remota posibilidad de que se produzca una descarga eléctrica causada por los rayos.

electrical safety information

1. It is mandatory to comply with the current, frequency and voltage requirements indicated on the manufacturer's label. Connection to a power source other than those specified may result in malfunction, equipment damage, or fire hazard if limitations are not followed.
 2. This equipment contains no operator-serviceable parts. Only a qualified service technician should provide services.
 3. This equipment is supplied with a detachable power cord that has an integral safety ground wire designed to be connected to a safety ground. Do not substitute the power cord with one other than the approved type provided. Never use an adapter plug to connect to a two-wire outlet, as it will break the continuity of the ground wire.
 - b. The equipment requires the use of the ground wire as part of the safety certification. Modification or misuse can create a shock hazard, which could cause serious injury or death.
 - c. If you have any questions about the installation, contact a qualified electrician or the manufacturer before connecting the equipment.
 - d. The indicated AC adapter provides a safety ground. For installation in a building, adequate short-circuit back-up protection must be provided.
- and. A protective connection must be installed in accordance with national wiring rules and regulations.

limited warranty

ui.com/support/warranty

The limited warranty requires arbitration to resolve disputes on a case-by-case basis and, where appropriate, specifying arbitration instead of jury trials or class actions.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 protect the equipment, to the extent possible, from harmful interference when it is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Mexico (NOM-208-SCFI-2016)

For use in Mexico, operation of this equipment is subject to the following two conditions: 1. this equipment or device may not cause harmful interference, and 2. this equipment or device must accept any interference, including interference that may cause unwanted operation.

CE marked

El marcado CE de este producto indica que el producto cumple con todas las directivas aplicables.



[WEEE Compliance Statement](#)

[Declaration of conformity](#)

online resources

