



EU DECLARATION OF CONFORMITY (English)

EN

Cambium Networks Ltd declares under its sole responsibility that the products, to which this declaration relates, conform to the applicable essential requirements of the following Directive(s) of the Council of the European Union:

1. 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (RED)
2. 2011/65/EU of the European Parliament and of the Council of 8 June 2011, plus amendments in Directive 2015/863/EU of 31 March 2015, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive)

Products: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Manufacturer: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Description: Point-to-Point Wireless Ethernet Bridge

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Description	Part Numbers	Applicable Directives
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variants The 3 GHz PTP 450i system includes Integrated 19 dBi dual slant antenna (P/N C030045D901A) and Connectorised Antenna versions for use with Dedicated External antennas and may be supplied with optional Enhanced or Standard PoE, Gigabit Surge Protector or Lightning Protection Unit (PTP-LPU)

Note: The nominal gains of the dedicated external antennas are specified below

Dedicated External Antenna	Maximum Gain
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformity: Methods used to demonstrate conformity using harmonized standards and other applicable specifications:

1. Radio Equipment Directive (RED):

- Articles 3.1(a), 3.1(b), 3.2, and 3.3, via Annex II:
 - Safety: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Health EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cybersecurity: EN 18031-1:2024; EN 18031-2:2024
- Article 3.2 via Annex III and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. RoHS Directive: EN IEC 63000:2018

Year of first application of CE mark: 2019

Dated: 10-07-2025

Place: Ashburton, UK

Signatures:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Keeper of the TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
This Declaration of Conformity is stored as document pmp-2380

**EU IZJAVA O SUKLADNOSTI** (Hrvatska) (Croatia)

HR

Cambium Networks Ltd izjavljuje pod isključivom odgovornošću da se proizvodi na koje se odnosi ova izjava u skladu s važećim bitnim zahtjevima sljedeće Direktive Vijeće Europske unije:

- 2014/53/EU Europskog parlamenta i Vijeća od 16. travnja 2014. o usklađivanju zakona država članica o stavljanju na raspolaganje na tržištu radio uređaja i ukidanju Direktive 1999/5/EC (RED)
- 2011/65/EU Europskog parlamenta i Vijeća od 8. lipnja 2011. te izmjene i dopune Direktive 2015/863/EU od 31. ožujka 2015. o ograničenju uporabe određenih opasnih tvari u električnoj i elektroničkoj opremi (RoHS Direktiva)

Proizvodi: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Proizvođač: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Opis: Point-to-Point bežični Ethernet most

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Opis	Brojevi dijelova	Primjenjive smjernice
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varijante Sustav PTP 450i od 3 GHz uključuje integriranu 19 dBi dvokoso antenu (P/N C030045D901A) i verzije konektirane antene za upotrebu s namjenskim vanjskim antenama, a može se isporučiti s opcijskim poboljšanim ili standardnim PoE, gigabitnim prenaponskim zaštitom ili jedinicom za zaštitu od munje (PTP-LPU)

Bilješka: Nominalni dobiti namjenskih vanjskih antena navedeni su u nastavku

Namjenska vanjska antena	Maksimalna dobit
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Konformizam: Metode koje se koriste za dokazivanje sukladnosti korištenjem usklađenih normi i drugih primjenjivih specifikacija:

1. Direktiva o radijskoj opremi (RED):

- Članci 3.1(a), 3.1(b), 3.2, i 3.3, putem Priloga II:
 - Sigurnosni: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Zdravlje EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Kibernetska sigurnost: EN 18031-1:2024; EN 18031-2:2024
- članak 3.2; Aneks III Harmonizirane norme and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. RoHS smjernica: EN IEC 63000:2018

Godina prve primjene oznake CE: 2019

Datiran: 10-07-2025

Mjesto: Ashburton, UK

Potpisi:


Sriram Chaturvedi, Vice President - System
Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Keeper of the TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Ova Izjava o sukladnosti pohranjena je kao dokument pmp-2380



EU PROHLÁŠENÍ O SHODĚ (Tjcek) (Czech Republic)

CZ

Cambium Networks Ltd prohlašuje na svou výhradní odpovědnost, že výrobky, na něž se toto prohlášení vztahuje, splňují platné základní požadavky následující směrnice (směrnic) Rady Evropské unie:

- 2014/53/EU ze dne 16. dubna 2014 o harmonizaci právních předpisů členských států týkajících se uvádění rádiových zařízení na trh ao zrušení směrnice Evropského parlamentu a Rady 1999/5/EC (RED)
- 2011/65/EU Evropského parlamentu a Rady ze dne 8. června 2011 a změny ve směrnici 2015/863/EU ze dne 31. března 2015 o omezení používání některých nebezpečných látek v elektrických a elektronických zařízeních (směrnice RoHS)

Produkt: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Výrobce: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Popis: Bezdrátový ethernetový most typu point-to-point

Modelka: 3082XH, 3082CXH, 3092XH (X = H or J)

Popis	Číslo součástí	Platné směrnice
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianty Systém 3 GHz PTP 450i zahrnuje integrovanou duální šikmou anténu 19 dBi (P/N C030045D901A) a připojené anténní verze pro použití s vyhrazenými externími anténami a může být dodáván s volitelným vylepšeným nebo standardním PoE, gigabitovou přepětovou ochranou nebo jednotkou ochrany před bleskem (PTP-LPU)

Poznámka: Nominální zisky vyhrazených externích antén jsou uvedeny níže

Vyhrazená externí anténa	Maximální zisk
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Souladu: Metody používané k prokázání shody pomocí harmonizovaných norem a dalších použitelných specifikací:

1. Směrnice o rádiových zařízeních (RED):

- Články 3.1(a), 3.1(b), 3.2, a 3.3 prostřednictvím přílohy II:
 - Bezpečnost: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Zdraví EME: EN 62311:2020
 - Rádiový: EN 302 326-2 V1.2.2
 - Kybernetická bezpečnost: EN 18031-1:2024; EN 18031-2:2024
- článek 3.2; Příloha III Harmonizované normy and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Rádiový: EN 302 326-2 V1.2.2

2. Směrnice RoHS: EN IEC 63000:2018

Rok první aplikace značky CE: 2019

S daty: 10-07-2025

Místo: Ashburton, UK

Podpisy:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Strážce TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Toto prohlášení o shodě je uloženo jako dokument pmp-2380

**EU-OVERENSSTEMMELSESESRKLÆRING** (Dansk) (Denmark)

DK

Cambium Networks Ltd erklærer på eget ansvar, at de produkter, som denne erklæring vedrører, overholder de gældende væsentlige krav i følgende direktiv(er) i Rådet for Den Europæiske Union:

1. 2014/53/EU Europa-Parlamentets og Rådets afgørelse af 16. april 2014 om harmonisering af medlemsstaternes lovgivning om markedsføring af radioudstyr og om ophævelse af direktiv 1999/5/EC (RED)
2. 2011/65/EU Europa-Parlamentets og Rådets af 8. juni 2011 og ændringer i direktiv 2015/863/EU af 31. marts 2015 om begrænsning af brugen af visse farlige stoffer i elektrisk og elektronisk udstyr (RoHS-direktivet)

Produkter: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabrikant: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Beskrivelse: Punkt-til-punkt trådløs Ethernet-bro

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Beskrivelse	Artikelnumre	Gældende direktiver
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianter 3 GHz PTP 450i-systemet inkluderer integreret 19 dBi dobbelt skrå antenne (P/N C030045D901A) og tilsluttede antenneversioner til brug med dedikerede eksterne antenner og kan leveres med valgfri forbedret eller standard PoE, gigabit overspændingsbeskytter eller lynbeskyttelsesenhed (PTP-LPU)

Bemærk: De nominelle gevinster for de dedikerede eksterne antenner er angivet nedenfor

Dedikeret eksternt antenne	Maksimal gevinst
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Overensstemmelse: Metoder, der anvendes til at påvise overensstemmelse ved brug af harmoniserede standarder og andre gældende specifikationer:

1. **Direktiv om radioudstyr (RED):**

- Artikel 3.1(a), 3.1(b), 3.2, og 3.3 via bilag II:
 - Sikkerhed: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Sundhed EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cybersikkerhed: EN 18031-1:2024; EN 18031-2:2024
- Artikel 3.2; Bilag III Harmoniserede standarder og EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. **RoHS-direktivet:** EN IEC 63000:2018

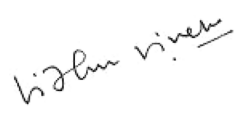
År for første ansøgning om CE-mærkning: 2019

Dateret: 10-07-2025

Placere: Ashburton, UK

Underskrifter:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Keeper af TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Denne overensstemmelseserklæring er gemt som dokument pmp-2380



EU-KONFORMITÄTSERKLÄRUNG

(Deutsch) (Germany, Austria, Liechtenstein, Switzerland)

DE AT LI CH

Cambium Networks Ltd erklärt in alleiniger Verantwortung, dass die Produkte in dieser Erklärung den geltenden grundlegenden Anforderungen der folgenden Richtlinien des Rat der Europäischen Union:

- 2014/53/EU des Europäischen Parlaments und des Rates vom 16. April 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die Bereitstellung von Funkanlagen auf dem Markt und zur Aufhebung der Richtlinie 1999/5/EC (RED)
- 2011/65/EU des Europäischen Parlaments und des Rates vom 8. Juni 2011 und Änderungen der Richtlinie 2015/863/EU vom 31. März 2015 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (RoHS-Richtlinie)

Produkte: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Hersteller: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Beschreibung: Punkt-zu-Punkt-Wireless-Ethernet-Brücke

Modell: 3082XH, 3082CXH, 3092XH (X = H or J)

Beschreibung	Teilnummern	Anwendbare Richtlinien
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianten Das 3-GHz-PTP 450i-System umfasst eine integrierte 19-dBi-Doppelschräganterne (P/N C030045D901A) und angeschlossene Antennenversionen zur Verwendung mit dedizierten externen Antennen und kann optional mit erweitertem oder Standard-PoE, Gigabit-Überspannungsschutz oder Blitzschutzgerät (PTP-LPU)

Hinweis: Die Nennverstärkungen der dedizierten externen Antennen sind unten angegeben

Spezielle externe Antenne	Maximaler Gewinn
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Konformität: Methoden zum Nachweis der Konformität anhand harmonisierter Normen und anderer anwendbarer Spezifikationen:

1. Richtlinie über Funkanlagen (RED):

- Artikel 3.1(a), 3.1(b), 3.2 und 3.3 über Anhang II:
 - Sicherheit: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMV: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Gesundheit: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cybersicherheit: EN 18031-1:2024; EN 18031-2:2024
- Artikel 3.2; Anhang III Harmonisierte Normen and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. RoHS-Richtlinie: EN IEC 63000:2018

Jahr der ersten Anwendung der CE-Kennzeichnung: 2019

Datiert: 10-07-2025

Platz: Ashburton, UK

Unterschriften:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Hüter des TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Diese Konformitätserklärung ist als Dokument gespeichert pmp-2380



ELi VASTAVUSDEKLARATSIOON (Eesti) (Estonia) EE
Cambium Networks Ltd deklareerib ainuisikuliselt, et tooted, millele käesolev deklaratsioon on seotud, vastavad Euroopa Ühenduste Nõukogu järgmise direktiivi (de) le Euroopa Liidu Nõukogu:

- 2014/53/EL Euroopa Parlamendi ja nõukogu direktiiv, 16. aprill 2014, raadioseadmete turul kättesaadavaks tegemist käsitlevate liikmesriikide õigusaktide ühtlustamise ja direktiivi kehtetuks tunnistamise kohta 1999/5/EL (RED)
- 2011/65/EL Euroopa Parlamendi ja nõukogu direktiiv 8. juuni 2011, aasta määrus ja muudatused 31. märtsi 2015 aasta direktiivis 2015/863/EL, mis käsitleb teatavate ohtlike ainete kasutamise piiramist elektri- ja elektroonikaseadmetes (RoHS direktiiv)

Tooted: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Tootja: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Kirjeldus: Punkt-punkti traadita Etherneti sild

Mudel: 3082XH, 3082CXH, 3092XH (X = H or J)

Kirjeldus	Osade numbrid	Kohal- datavad direktiivid
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variandid 3 GHz PTP 450i süsteem sisaldab integreeritud 19 dBi topeltkalda antenni (P/N C030045D901A) ja ühendatud antenni versioone kasutamiseks spetsiaalsete väliste antennidega ning seda võib tarnida koos täiendava või standardse PoE, gigabitise liigpingekaitsega või piksekkaitseadmega (PTP-LPU)

Märge: Spetsiaalsete väliste antennide nimivõimed on täpsustatud allpool

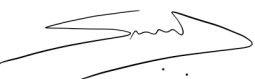
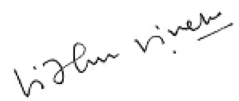
Pühendatud väline antenn	Maksimaalne kasum
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Vastavus: Ühtlustatud standardite ja muude kohaldatavate spetsifikatsioonide abil vastavuse tõendamiseks kasutatud meetodid:

- Raadioseadmete direktiiv (RED):**
 - Artiklid 3.1(a), 3.1(b) ja 3.2 II lisa kaudu:
 - Ohutus: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Tervis EME: EN 62311:2020
 - Raadio: EN 302 326-2 V1.2.2
 - Küberturvalisus: EN 18031-1:2024; EN 18031-2:2024
 - Artikkel 3.2; III lisa Harmoneeritud standardid and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Raadio: EN 302 326-2 V1.2.2
- RoHS direktiiv:** EN IEC 63000:2018

Year of first application of CE mark: 2019
Kuupäevastatud: 10-07-2025
Koht: Ashburton, UK

Allkirjad:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
---	--

TCF valdaja: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
See vastavusdeklaratsioon salvestatakse dokumendina pmp-2380

**EU-VAATIMUSTENMUKAISUUSVAKUUTUS** (Suomalainen) (Finland)

FI

Cambium Networks Ltd on yksin vastuussa siitä, että tuotteet, joihin tämä vakuutus koskee, ovat Euroopan unionin neuvosto seuraavien direktiivien tai niitä koskevien olennaisten vaatimusten mukaiset:

- 2014/53/EU Euroopan parlamentin ja neuvoston direktiivi, annettu 16 päivänä huhtikuuta 2014, radiolaitteiden markkinoille saattamista koskevan jäsenvaltioiden lainsäädännön yhdenmukaistamisesta ja direktiivin 1999/5/EC (RED)
- 2011/65/EU Euroopan parlamentin ja neuvoston direktiivi, annettu 8 päivänä kesäkuuta 2011, sekä muutokset tiettyjen vaarallisten aineiden käytön rajoittamisesta sähkö- ja elektroniikkalaitteissa 31. maaliskuuta 2015 annettuun direktiiviin 2015/863/EU (RoHS-direktiivi)

Tuotteet: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Valmistaja: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Kuvaus: Point-to-point langaton Ethernet-silta

Malli: 3082XH, 3082CXH, 3092XH (X = H or J)

Kuvaus	Osanumerot	Sovellettavat direktiivit
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variantit 3 GHz: n PTP 450i -järjestelmässä on integroitu 19 dBi: n kaksoisantenni (P/N C030045D901A) ja liitetyt antenniversiot käytettäväksi erillisten ulkoisten antennien kanssa (PTP-LPU)

Huomautus: Erillisten ulkoisten antennien nimellistehot määritetään alla

Erillinen ulkoinen antenni	Suurin voitto
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Vaatimustenmukaisuus: Vaatimustenmukaisuuden osoittamiseen käytetyt menetelmät yhdenmukaistettujen standardien ja muiden sovellettavien eritelmien avulla:

1. Radiolaitteita koskeva direktiivi (RED):

- 3.1(a), 3.1(b), 3.2, ja 3.3 artikla liitteen II kautta:
 - turvallisuus: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Terveys EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Kyberturvallisuus: EN 18031-1:2024; EN 18031-2:2024
- Artikla 3.2; Liite III Yhdenmukaistetut standardit and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. RoHS-direktiivi: EN IEC 63000:2018

CE-merkinnän ensimmäisen käyttöönoton vuosi: 2019

Päiväty: 10-07-2025

Paikka: Ashburton, UK

Allekirjoitukset:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

TCF: n vartija: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Tämä vaatimustenmukaisuusvakuutus on tallennettu asiakirjaksi pmp-2380



DÉCLARATION UE DE CONFORMITÉ (Français) (France, Luxembourg, Belgique) FR LU BE
Cambium Networks Ltd déclare sous sa seule responsabilité que les produits visés par la présente déclaration sont conformes aux exigences essentielles applicables de la (des) directive (s) suivante (s) du Conseil de l'Union européenne:

- 2014/53/UE du Parlement européen et du Conseil du 16 avril 2014 concernant l'harmonisation des législations des États membres relatives à la mise à disposition sur le marché des équipements hertziens et abrogeant la directive 1999/5/EC (RED)
- 2011/65/UE du Parlement européen et du Conseil du 8 juin 2011, et modifications de la directive 2015/863/UE du 31 mars 2015, relative à la restriction de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques (directive RoHS)

Des produits: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabricant: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

La description: Pont Ethernet sans fil point à point

Modèle: 3082XH, 3082CXH, 3092XH (X = H or J)

La description	Numéros de modèles	Directives applicables
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variantes Le système PTP 450i 3 GHz comprend une antenne double inclinée 19 dBi intégrée (P/N C030045D901A) et des versions d'antenne connectées pour une utilisation avec des antennes externes dédiées et peut être fourni avec une PoE améliorée ou standard, un parasurtenseur gigabit ou une unité de protection contre la foudre (PTP-LPU)

Remarque: Les gains nominaux des antennes externes dédiées sont spécifiés ci-dessous

Antenne externe dédiée	Gain Maximum
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformité: Méthodes utilisées pour démontrer la conformité à l'aide de normes harmonisées et d'autres spécifications applicables:

- Directive sur les équipements radio (RED):**
 - Articles 3.1(a), 3.1(b), 3.2, et 3.3, via l'Annexe II:
 - sécurité: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - CEM: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Santé EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cybersécurité: EN 18031-1:2024; EN 18031-2:2024
 - Article 3.2 ; Annexe III Normes harmonisées and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2
- Directive RoHS:** EN IEC 63000:2018

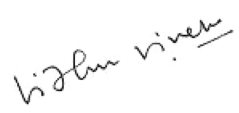
Année de première application de la marque CE: 2019

Daté: 10-07-2025

Endroit: Ashburton, UK

Signatures:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Gardien du TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Cette déclaration de conformité est stockée en tant que document pmp-2380

**ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ** (Ελλάδα) (Greece)

EL

Cambium Networks Ltd δηλώνει με την αποκλειστική της ευθύνη ότι τα προϊόντα, στα οποία αναφέρεται η παρούσα δήλωση, συμμορφώνονται με τις ισχύουσες βασικές απαιτήσεις της ακόλουθης οδηγίας(ων) του Συμβουλίου της Ευρωπαϊκής Ένωσης:

- 2014/53/EE του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 16ης Απριλίου 2014, για την εναρμόνιση των νομοθεσιών των κρατών μελών σχετικά με τη διάθεση στην αγορά ραδιοεξοπλισμού και την κατάργηση της οδηγίας 1999/5/EK (RED)
- 2011/65/EE του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 8ης Ιουνίου 2011, και τροποποιήσεις στην οδηγία 2015/863/EE της 31ης Μαρτίου 2015, σχετικά με τον περιορισμό της χρήσης ορισμένων επικίνδυνων ουσιών σε ηλεκτρικό και ηλεκτρονικό εξοπλισμό (οδηγία RoHS)

Προϊόντα: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Κατασκευαστής: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Περιγραφή: Γέφυρα ασύρματου Ethernet από σημείο σε σημείο

Μοντέλο: 3082XH, 3082CXH, 3092XH (X = H or J)

Περιγραφή	Αριθμοί ανταλλακτικών	ισχύουσες οδηγίες
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Παραλλαγές Το σύστημα PTP 450i 3 GHz περιλαμβάνει ενσωματωμένη κεραία διπλής κλίσης 19 dBi (P/N C030045D901A) και εκδόσεις κεραίας με σύνδεση για χρήση με εξωτερικές κεραίες και μπορεί να παρέχεται με προαιρετικό Enhanced ή Standard PoE, Gigabit Surge Protector ή Μονάδα Προστασίας από Κεραυνούς (PTP-LPU)

Σημείωση: Τα ονομαστικά κέρδη των εξωτερικών κεραίων καθορίζονται παρακάτω

Αφιερωμένη εξωτερική κεραία	Μέγιστο κέρδος
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Συμμόρφωση: Μέθοδοι που χρησιμοποιούνται για την απόδειξη της συμμόρφωσης χρησιμοποιώντας εναρμονισμένα πρότυπα και άλλες ισχύουσες προδιαγραφές:

1. Οδηγία για τον ραδιοεξοπλισμό (RED):

- Άρθρα 3.1(α), 3.1(β), 3.2, και 3.3, μέσω του Παραρτήματος II:
 - Ασφάλεια: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - Ηλεκτρομαγνητική συμβατότητα (EMC): EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Υγεία EME: EN 62311:2020
 - Ραδιόφωνο: EN 302 326-2 V1.2.2
 - Κυβερνοασφάλεια: EN 18031-1:2024; EN 18031-2:2024
- Άρθρο 3.2. Παράρτημα III εναρμονισμένα πρότυπα and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Ραδιόφωνο: EN 302 326-2 V1.2.2

2. Οδηγία RoHS: EN IEC 63000:2018

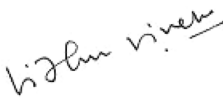
Έτος πρώτης εφαρμογής του σήματος CE: 2019

Χρονολογημένος: 10-07-2025

Θέση: Ashburton, UK

Υπογραφές:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Φύλλακας του TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Αυτή η Δήλωση Συμμόρφωσης αποθηκεύεται ως έγγραφο pmp-2380



- 2014/53/EU Az Európai Parlament és a Tanács 2014. április 16-i rendelete a rádióberendezések forgalomba hozatalára vonatkozó tagállami jogszabályok összehangolásáról és az irányelv hatályon kívül helyezéséről 1999/5/EC (RED)
- 2011/65/EU Az Európai Parlament és a Tanács 2011. június 8-i irányelve, valamint az egyes veszélyes anyagok elektromos és elektronikus berendezésekben való felhasználásának korlátozásáról szóló, 2015. március 31-i 2015/863/EU irányelv módosításai (RoHS irányelv)

Termékek: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Gyártó: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Leírás: Pont-pont vezeték nélküli Ethernet híd

Modell: 3082XH, 3082CXH, 3092XH (X = H or J)

Leírás	Cikkszámok	Alka- lmazandó irányelvek
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Változatok A 3 GHz-es PTP 450i rendszer tartalmaz integrált 19 dBi kettős ferde antennát (P/N C030045D901A) és összekapcsolt antennaváltozatokat dedikált külső antennákkal történő használatra, és opcionálisan továbbfejlesztett vagy szabványos PoE, gigabites túlfeszültség-védővel vagy villámvédelmi egységgel (PTP-LPU)

Megjegyzés: A dedikált külső antennák névleges nyereségét az alábbiakban adjuk meg

Dedikált külső antenna	Maximális nyereség
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Megfelelőség: A megfelelés igazolására használt módszerek:

- Rádióberendezésekről szóló irányelv (RED):**
 - 3.1. cikk a), 3.1. b), 3.2, és 3.3, pont a mellékleten II keresztül:
 - Biztonság: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Egészségügyi EME: EN 62311:2020
 - Rádió: EN 302 326-2 V1.2.2
 - Kiberbiztonság: EN 18031-1:2024; EN 18031-2:2024
 - 3.2. cikk; III. melléklet Harmonizált szabványok and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Rádió: EN 302 326-2 V1.2.2
- RoHS irányelv:** EN IEC 63000:2018

A CE-jelölés első alkalmazásának éve: 2019

Keltezett: 10-07-2025

Hely: Ashburton, UK

Aláírások:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

A TCF öre: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Ez a Megfelelőségi nyilatkozat dokumentumként kerül tárolásra pmp-2380



- 2014/53/ESB Evrópuþingsins og ráðsins frá 16. apríl 2014 um samræmingu laga aðildarríkjanna varðandi gerð á markaði fyrir útvarpsbúnað og niðurfellingu tilskipunar 1999/5/EC (RED)
- 2011/65/ESB Evrópuþingsins og ráðsins frá 8. júní 2011, og breytingar á tilskipun 2015/863/ESB frá 31. mars 2015, um takmörkun á notkun tiltekinna hættulegra efna í raf- og rafeindabúnaði (RoHS-tilskipunin)

Vörur: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Framleiðandi: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Lýsing: Point-to-Point þráðlaus Ethernet brú

Líkan: 3082XH, 3082CXH, 3092XH (X = H or J)

Lýsing	Hlutanúmer	Gildandi tilskipanir
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variants 3 GHz PTP 450i kerfið felur í sér samþætt 19 dBi tvöfalt halla loftnet (P/N C030045D901A) og tengd loftnetútgáfur til notkunar með sérstökum ytri loftnetum og er hægt að fá aukabúnað eða venjulegan PoE, gigabit bylgjuvörn eða eldingarvörn (PTP-LPU)

Athugaðu: Nafnhagnaður sérstöku loftnetanna er tilgreindur hér að neðan

Hollur utanaðkomandi loftnet	Hámarksaukning
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Samræmi: Aðferðir sem notaðar eru til að sýna fram á samræmi:

- Tilskipun um útvarpsbylgjur (RED):**
 - Greinar 3.1(a), 3.1(b), 3.2, og 3.3, í gegnum II. viðauka:
 - Öryggi: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Heilsa EME: EN 62311:2020
 - Útvarp: EN 302 326-2 V1.2.2
 - Netöryggi: EN 18031-1:2024; EN 18031-2:2024
 - Ggrein 3.2; III. viðauki Samræmdir staðlar and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Útvarp: EN 302 326-2 V1.2.2
- RoHS tilskipun:** EN IEC 63000:2018

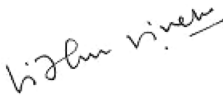
Ár fyrstu umsóknar CE-merkis: 2019

Dags: 10-07-2025

Staður: Ashburton, UK

Undirskrift:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Umsjónarmaður TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Þessi yfirlýsing um samræmi er geymd sem skjal pmp-2380



DEARBHÚ COMHLÁNÚ AN AE (Gaeilge) (Ireland) IE
Cambium Networks Ltd de réir a fhreagrachta amháin go gcomhlíonann na táirgí, lena mbaineann an dearbhú seo, na ceanglais riachtanacha is infheidhme de Threoir (f) de chuid Comhairle an Aontais Eorpaigh:

- 2014/53/AE ó Pharlaimint na hEorpa agus ón gComhairle an 16 Aibreán 2014 maidir le comhchuibhiú dhlíthe na mBallstát a bhaineann le trealamh raidió a chur ar fáil ar an margadh agus lena n-aisghairtear Treoir 1999/5/EC (RED)
- 2011/65/AE ó Pharlaimint na hEorpa agus ón gComhairle, an 8 Meitheamh 2011, agus leasuithe ar Threoir 2015/863/AE an 31 Márta 2015, maidir le srian a chur le húsáid substaintí guaiseacha áirithe i dtrealamh leictreach agus leictreonach (Treoir RoHS)

Táirgí: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Déantóir: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Cur síos: Droichead Ethernet gan sreang Pointe go Pointe

Mionsamhail: 3082XH, 3082CXH, 3092XH (X = H or J)

Cur síos	Uimhreacha cuid	Treoracha Infheidhme
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Athruithe Cuimsíonn an córas 3 GHz PTP 450i antenna dé-slant comhtháite 19 dBi (P/N C030045D901A) agus leaganacha antenna cónasctha le húsáid le antannas seachtracha tiomnaithe agus féadfar PoE feabhsaithe nó caighdeánach roghnach, cosantóir borrrtha gigabit nó Aonad cosanta tintreach a sholáthar dóibh (PTP-LPU)

Nóta: Sonraítear thíos gnóthachain ainmniúla na n-antannas seachtracha tiomnaithe

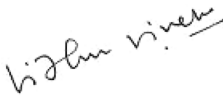
Antenna Seachtrach Tiomnaithe	Uasghnóthachan
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Comhréireacht: Modhanna a úsáidtear chun comhréireacht a léiriú:

- Treoir Trealamh Raidió (RED):**
 - Airteagail 3.1(a), 3.1(b), 3.2, agus 3.3, trí Iarscríbhinn II:
 - Sábháilteacht: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - EME Sláinte: EN 62311:2020
 - Raidió: EN 302 326-2 V1.2.2
 - Cibearshláidail: EN 18031-1:2024; EN 18031-2:2024
 - Airteagal 3.2; Iarscríbhinn III Caighdeán chomhchuibhithe and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Raidió: EN 302 326-2 V1.2.2
- RoHS Treoir:** EN IEC 63000:2018

Bliain an chéad iarratais ar an marc CE: 2019
Dáta: 10-07-2025
Áit: Ashburton, UK

Sínithe:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

Coimeádaí an TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Stóráiltear an Dearbhú Comhréireachta seo mar dhoiciméad pmp-2380



DICHIARAZIONE DI CONFORMITÀ UE (Italiano) (Italy)

IT

Cambium Networks Ltd dichiara sotto la sua esclusiva responsabilità che i prodotti ai quali si riferisce la presente dichiarazione sono conformi ai requisiti essenziali applicabili della seguente Direttiva del Consiglio dell'Unione europea:

- 2014/53/UE del Parlamento europeo e del Consiglio, del 16 aprile 2014, sull'armonizzazione delle legislazioni degli Stati membri relative alla messa a disposizione sul mercato di apparecchiature radio e che abroga la direttiva 1999/5/CE (RED)
- 2011/65/UE del Parlamento Europeo e del Consiglio del 8 giugno 2011, e modifiche della Direttiva 2015/863/UE del 31 marzo 2015, sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche (Direttiva RoHS)

Prodotti: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabbricante: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Descrizione: Bridge Ethernet wireless punto a punto

Modello: 3082XH, 3082CXH, 3092XH (X = H or J)

Descrizione	Numeri di parte	Direttive applicabili
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianti Il sistema PTP 450i a 3 GHz include un'antenna a doppia inclinazione da 19 dBi integrata (P/N C030045D901A) e versioni con antenna connettorizzata per l'uso con antenne esterne dedicate e può essere fornito con PoE standard o avanzato opzionale, protezione da sovratensione gigabit o unità di protezione dai fulmini (PTP-LPU)

Nota: I guadagni nominali delle antenne esterne dedicate sono specificati di seguito

Antenna esterna dedicata	Guadagno massimo
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformità: Metodi utilizzati per dimostrare la conformità utilizzando norme armonizzate e altre specifiche applicabili:

- Direttiva sulle apparecchiature radio (RED):**
 - Articolo 3.1(a), 3.1(b), 3.2, e 3.3, Allegato II utilizzando norme armonizzate:
 - Sicurezza: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Salute: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cibearshlándaíl: EN 18031-1:2024; EN 18031-2:2024
 - Articolo 3.2; Allegato III Norme armonizzate and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2
- Direttiva RoHS:** EN IEC 63000:2018

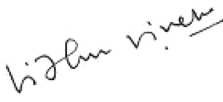
Anno della prima applicazione del marchio CE: 2019

Datato: 10-07-2025

Posto: Ashburton, UK

Firme:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Custode del TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Questa Dichiarazione di conformità è archiviata come documento pmp-2380

**ES ATBILSTĪBAS DEKLARĀCIJA** (Letneska) (Latvia)

LV

Cambium Networks Ltd ar pilnu atbildību paziņo, ka produkti, uz kuriem attiecas šī deklarācija, atbilst piemērojamajām Eiropas Savienības Padome (-u) direktīvas (-u) pamatprasībām:

- 2014/53/ES Eiropas Parlamenta un Padomes Lēmums (2014. gada 16. aprīlis) par dalībvalstu tiesību aktu saskaņošanu attiecībā uz radioiekārtu pieejamību tirgū un Direktīvas atcelšanu 1999/5/EC (RED)
- 2011/65/ES Eiropas Parlamenta un Padomes Lēmums (2011. gada 8. jūnijs) un grozījumi Direktīvā 2015/863/ES (2015. gada 31. marta) par dažu bīstamu vielu izmantošanas ierobežošanu elektriskās un elektroniskās iekārtās (RoHS direktīva)

Produkti: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Ražotājs: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Apraksts: Punkta-punkta bezvadu Ethernet tilts

Modelis: 3082XH, 3082CXH, 3092XH (X = H or J)

Apraksts	Daļas numuri	Piemērojamās direktīvas
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianti 3 GHz PTP 450i sistēma ietver integrētu 19 dBi divkāršu antenu (P/N C030045D901A) un savienotas antenas versijas lietošanai ar īpašām ārējām antenām, un to var piegādāt ar papildu uzlabotu vai standarta PoE, gigabaita pārsprieguma aizsargu vai zibensaisardzības ierīci (PTP-LPU)

Piezīme: Īpašo ārējo antenu nominālais pieaugums ir norādīts zemāk

Īpaša ārējā antena	Maksimālais pieaugums
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Atbilstība: Metodes, ko izmanto, lai pierādītu atbilstību:

1. **Radioiekārtu direktīva (RED):**

- Pants 3.1(a), 3.1(b), 3.2, un 3.3, izmantojot II pielikums saskaņotus standartus
 - Drošība: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Veselība EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Kiberdrošība: EN 18031-1:2024; EN 18031-2:2024
- 3.2. pants; III pielikums Saskaņotie standarti and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

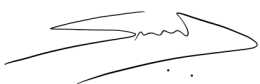
2. **RoHS direktīva:** EN IEC 63000:2018

CE marķējuma pirmās piemērošanas gads: 2019

Datēts: 10-07-2025

Vieta: Ashburton, UK

Paraksti:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

TCF glabātājs: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Šī atbilstības deklarācija tiek saglabāta kā dokuments pmp-2380



1. Europos Parlamento direktyva 2014/53/ES, datuotas 2014 m. balandžio 16 d., dėl valstybių narių įstatymų, susijusių su radijo ryšio įrenginių tiekimu rinkai, suderinimo, panaikinanti direktyvą 1999/5/EC (RED)
2. Europos Parlamento direktyva 2011/65/ES, datuotas 2011 m. birželio 8 d., ir direktyva 2015/863/ES, datuotas 2015 m. kovo 31 d., dėl tam tikrų pavojingų medžiagų naudojimo elektros ir elektroninėje įrangoje apribojimo pakeitimais. (RoHS direktyva)

Produktai: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Gamintojas: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Apibūdinimas: „Point-to-Point“ belaidis Ethernet tiltas

Modelis: 3082XH, 3082CXH, 3092XH (X = H or J)

Apibūdinimas	Dalies numeriai	Taikomos direktyvos
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variantai 3 GHz PTP 450i sistemoje yra integruota 19 dBi dviguba nuožulni antena („P/N C030045D901A“) ir sujungtos antenos versijos, skirtos naudoti su specialiomis išorinėmis antenomis, ir gali būti tiekiamos su papildomu arba standartiniu „PoE“, gigabito viršitampio apsauga arba apsaugos nuo žaibo įrenginiu (PTP-LPU)

Pastaba: Nominalus specialių išorinių antenų prieaugis nurodomas toliau

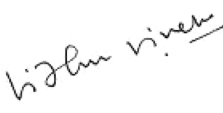
Speciali išorinė antena	Maksimalus padidėjimas
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Atitiktis: Metodai, naudojami atitikčiai įrodyti naudojant darniuosius standartus ir kitas taikomas specifikacijas:

1. **Radio ryšio įrangos direktyva (RED) (RED):**
 - i. 3.1(a), 3.1(b), 3.2, ir 3.3 per II priedą:
 - a. Saugumas: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - b. EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - c. Sveikata EME: EN 62311:2020
 - d. Radijo: EN 302 326-2 V1.2.2
 - e. Kibernetinis saugumas: EN 18031-1:2024; EN 18031-2:2024
 - ii. 3.2 straipsnis; III priedas Darnieji standartai and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - a. Radijo: EN 302 326-2 V1.2.2
2. **RoHS direktyva:** EN IEC 63000:2018

CE ženklo pirmojo taikymo metai: 2019
Data: 10-07-2025
Vieta: Ashburton, UK

Parašai:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

TCF valdytojas: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Ši atitikties deklaracija saugoma kaip dokumentas pmp-2380



DIKJARAZZJONI TA 'KONFORMITÀ TA' L-UE (Maltneska) (Malta) MT
Cambium Networks Ltd tiddikjara taht ir-responsabbiltà unika tagħha li l-prodotti, li magħhom tirrelata din id-dikjarazzjoni, jikkonformaw mar-rekwiżiti essenzjali applikabbli tad-Direttiva (jiet) li ġejja Kunsill ta 'l-Unjoni Ewropea:

- 2014/53/UE tal-Parlament Ewropew u tal-Kunsill tas-16 ta 'April 2014 dwar l-armonizzazzjoni tal-liġijiet tal-Istati Membri relatati mat-tqeghid fis-suq ta' tagħmir tar-radju u li thassar id-Direttiva 1999/5/EC (RED)
- 2011/65/UE tal-Parlament Ewropew u tal-Kunsill, tat-8 ta' Ġunju 2011, u emendi għad-Direttiva 2015/863/UE tal-31 ta' Marzu 2015, dwar ir-restrizzjoni tal-użu ta' ċerti sustanzi perikolużi fit-tagħmir elettriku u elettroniku (Direttiva RoHS)

Prodotti: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabbrikant: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Deskrizzjoni: Pont Ethernet bla fili minn Punt sa Punt

Mudell: 3082XH, 3082CXH, 3092XH (X = H or J)

Deskrizzjoni	Numri ta 'parti	Direttivi applikabbli
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varjanti Is-sistema 3 GHz PTP 450i tinkludi antenna integrata ta '19 dBi slant doppja (P/N C030045D901A) u verżjonijiet ta' l-antenna konnetturizzata għall-użu ma 'antenni esterni ddedikati u tista' tiġi fornuta b'PoE mtejbja jew standard fakultattiva, protettur kontra l-mewġ gigabit jew Unità ta 'protezzjoni kontra s-sajjetti (PTP-LPU)

Nota: Il-qliġ nominali tal-antenni esterni ddedikati huma speċifikati hawn taht

Antenna Esterna Dedicata	Qliġ Massimu
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Konformità: Metodi użati biex juru l-konformità:

1. Direttiva dwar Tagħmir tar-Radju (RED):

- L-Artikoli 3.1(a), 3.1(b), 3.2, u 3.3, permezz tal-Anness II:
 - Sigurtà: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Saħħa EME: EN 62311:2020
 - Radju: EN 302 326-2 V1.2.2
 - Ċibersigurtà: EN 18031-1:2024; EN 18031-2:2024
- l-Artikolu 3.2; Anness III Standards armonizzati and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radju: EN 302 326-2 V1.2.2

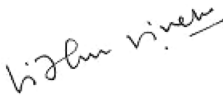
2. Id-Direttiva RoHS: EN IEC 63000:2018

Sena ta 'l-ewwel applikazzjoni tal-marka CE: 2019

Datata: 10-07-2025

Poġġi: Ashburton, UK

Firem:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

Konservatur tat-TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Din id-Dikjarazzjoni ta 'Konformità hija maħżuna bħala dokument pmp-2380



EU-VERKLARING VAN OVEREENSTEMMING (Nederlands)

NL

Cambium Networks Ltd verklaart op eigen verantwoordelijkheid dat de producten waarop deze verklaring betrekking heeft, voldoen aan de toepasselijke essentiële eisen van de volgende richtlijn (en) van de Raad van de Europese Unie:

- 2014/53/EU van het Europees Parlement en de Raad van 16 april 2014 betreffende de harmonisatie van de wetgevingen van de lidstaten inzake het op de markt aanbieden van radioapparatuur en tot intrekking van Richtlijn 1999/5/EC (RED)
- 2011/65/EU van het Europees Parlement en de Raad van 8 juni 2011, en wijzigingen in Richtlijn 2015/863/EU van 31 maart 2015, betreffende de beperking van het gebruik van bepaalde gevaarlijke stoffen in elektrische en elektronische apparatuur (RoHS-richtlijn)

Producten: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabrikant: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Beschrijving: Point-to-Point draadloze Ethernet-bridge

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Beschrijving	Onderdeelnummers	Toepas-selijke richtlijnen
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianten Het 3 GHz PTP 450i-systeem omvat een geïntegreerde 19 dBi dubbele schuine antenne (P/N C030045D901A) en connectorantenne-versies voor gebruik met speciale externe antennes en kan worden geleverd met optionele verbeterde of standaard PoE, gigabit-overspanningsbeveiliging of bliksembeveiligingseenheid (PTP-LPU)

Notitie: De nominale versterkingen van de speciale externe antennes worden hieronder gespecificeerd

Toegewijde externe antenne	Maximale winst
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformiteit: Methoden die worden gebruikt om conformiteit aan te tonen met behulp van geharmoniseerde normen en andere toepasselijke specificaties:

1. **Richtlijn radioapparatuur (RED):**

- Artikelen 3.1(a), 3.1(b), 3.2, en 3.3, via bijlage II:
 - Veiligheid: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Gezondheid EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cyberbeveiliging: EN 18031-1:2024; EN 18031-2:2024
- Artikel 3.2; Bijlage III Geharmoniseerde normen and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. **RoHS-richtlijn:** EN IEC 63000:2018

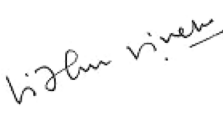
Jaar van eerste toepassing van CE-markering: 2019

Verouderd: 10-07-2025

Plaats: Ashburton, UK

Handtekeningen:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Bewaarder van het TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Deze conformiteitsverklaring wordt opgeslagen als document pmp-2380

**EU-ERKLÆRING OM OVERENSSTEMMELSE (Norsk) (Norway)**

NO

Cambium Networks Ltd erklærer på eget ansvar at produktene som denne erklæringen vedrører, overholder de gjeldende grunnleggende kravene i følgende direktiv (er) av Rådet for Den europeiske union:

1. 2014/53/EU av Europaparlamentets og rådets av 16. april 2014 om harmonisering av medlemsstaternes lovgivning om tilgjengeliggjøring på markedet av radioutstyr og opphevelse av direktiv 1999/5/EC (RED)
2. 2011/65/EU av Europaparlamentets og rådets av 8. juni 2011 og endringer i direktiv 2015/863/EU av 31. mars 2015 om begrensning av bruken av visse farlige stoffer i elektrisk og elektronisk utstyr (RoHS-direktivet)

Produkter: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Produsent: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Beskrivelse: Point-to-Point draadloze Ethernet-bridge

Modell: 3082XH, 3082CXH, 3092XH (X = H or J)

Beskrivelse	Artikkelnummer	Gjeldende direktiver
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianter Het 3 GHz PTP 450i-systeem omvat een geïntegreerde 19 dBi dubbele schuine antenne (P/N C030045D901A) en connectorantenne-versies voor gebruik met speciale externe antennes en kan worden geleverd met optionele verbeterde of standaard PoE, gigabit-overspanningsbeveiliging of bliksembeveiligingsseenheid (PTP-LPU)

Merk: De nominale versterkingen van de speciale externe antennes worden hieronder gespecificeerd

Dedikert ekstern antenne	Maksimal gevinst
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Overensstemmelse: Metoder som brukes til å demonstrere samsvar:

1. **Direktiv om radioutstyr (RED):**

- i. Artikkel 3.1(a), 3.1(b), 3.2, og 3.3, via vedlegg II:
 - a. Sikkerhet: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - b. EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - c. Helse EME: EN 62311:2020
 - d. Radio: EN 302 326-2 V1.2.2
 - e. Cybersikkerhet: EN 18031-1:2024; EN 18031-2:2024
- ii. Artikkel 3.2; Vedlegg III Harmoniserte standarder and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - a. Radio: EN 302 326-2 V1.2.2

2. **RoHS-direktivet:** EN IEC 63000:2018

År for første påføring av CE-merket: 2019

Datert: 10-07-2025

Plass: Ashburton, UK

Signaturer:


Sriram Chaturvedi, Vice President - System
Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Keeper av TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Denne samsvarserklæringen er lagret som dokument pmp-2380

**DEKLARACJA ZGODNOŚCI UE (Polskie) (Poland)**

PL

Cambium Networks Ltd oświadcza na swoją wyłączną odpowiedzialność, że produkty, do których odnosi się niniejsza deklaracja, są zgodne z mającymi zastosowanie zasadniczymi wymogami następującej dyrektywy Rady (ów) Rada Unii Europejskiej:

- 2014/53/UE Parlamentu Europejskiego i Rady z dnia 16 kwietnia 2014 r. w sprawie harmonizacji ustawodawstw Państw Członkowskich odnoszących się do udostępniania na rynku urządzeń radiowych i uchylająca dyrektywę 1999/5/EC (RED)
- 2011/65/UE Parlamentu Europejskiego i Rady z dnia 8 czerwca 2011 r. oraz zmiany dyrektywy 2015/863/UE z dnia 31 marca 2015 r. w sprawie ograniczenia stosowania niektórych substancji niebezpiecznych w sprzęcie elektrycznym i elektronicznym (Dyrektywa RoHS)

Produkty: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Producent: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Opis: Bezprzewodowy most Ethernet typu punkt-punkt

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Opis	Numer części	Odpowiednie dyrektywy
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Warianty System PTP 450i 3 GHz zawiera zintegrowaną podwójną antenę skośną 19 dBi (P/N C030045D901A) i wersje anten z łącznikami do użytku z dedykowanymi antenami zewnętrznymi i może być dostarczany z opcjonalnym ulepszonym lub standardowym PoE, gigabitowym zabezpieczeniem przeciwprzepięciowym lub urządzeniem odgromowym (PTP-LPU)

Uwaga: Nominalne zyski dedykowanych anten zewnętrznych są określone poniżej

Dedykowana antena zewnętrzna	Maksymalny zysk
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Zgodność: Metody stosowane do wykazania zgodności:

1. **Dyrektywa w sprawie urządzeń radiowych (RED):**

- Artykuły 3.1 lit. a), 3.1 lit. b), 3.2, i 3.3 poprzez załącznik II:
 - Bezpieczeństwo: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Zdrowie EME: EN 62311:2020
 - Radiowa: EN 302 326-2 V1.2.2
 - Cyberbezpieczeństwo: EN 18031-1:2024; EN 18031-2:2024
- Artykuł 3.2; Załącznik III Normy zharmonizowane and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radiowa: EN 302 326-2 V1.2.2

2. **Dyrektywa RoHS:** EN IEC 63000:2018

Rok pierwszego zgłoszenia znaku CE: 2019

Przestarzały: 10-07-2025

Miejsce: Ashburton, UK

Podpisy:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Opiekun TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Niniejsza Deklaracja zgodności jest przechowywana jako dokument pmp-2380



DECLARAÇÃO DE CONFORMIDADE DA UE (Português) (Portugal) PT
Cambium Networks Ltd declara, sob a sua única e inteira responsabilidade, que os produtos a que esta declaração se refere estão em conformidade com os requisitos essenciais aplicáveis da (s) seguinte (s) Directiva (s) do Conselho da União Europeia:

- 2014/53/EU do Parlamento Europeu e do Conselho, de 16 de abril de 2014, relativa à harmonização das legislações dos Estados-Membros respeitantes à disponibilização no mercado de equipamentos de rádio e que revoga a Diretiva 1999/5/EC (RED)
- 2011/65/UE do Parlamento Europeu e do Conselho, de 8 de junho de 2011, e alterações à Diretiva 2015/863/UE, de 31 de março de 2015, sobre a restrição do uso de certas substâncias perigosas em equipamentos elétricos e eletrónicos (Diretiva RoHS)

Produtos: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabricante: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Descrição: Ponte Ethernet ponto a ponto sem fio

Modelo: 3082XH, 3082CXH, 3092XH (X = H or J)

Descrição	Números de peça	Diretrizes Aplicáveis
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variantes O sistema PTP 450i de 3 GHz inclui antena inclinada dupla de 19 dBi integrada (P/N C030045D901A) e versões de antena conectorizada para uso com antenas externas dedicadas e pode ser fornecido com PoE opcional aprimorado ou padrão, protetor de sobretensão gigabit ou unidade de proteção contra raios (PTP-LPU)

Nota: Os ganhos nominais das antenas externas dedicadas são especificados abaixo

Antena Externa Dedicada	Ganho Máximo
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformidade: Métodos utilizados para demonstrar a conformidade utilizando normas harmonizadas e outras especificações aplicáveis:

- Diretiva de equipamentos de rádio (RED):**
 - Artigos 3.1(a), 3.1(b), 3.2, e 3.3, via Anexo II:
 - Segurança: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Saúde EME: EN 62311:2020
 - Rádio: EN 302 326-2 V1.2.2
 - Segurança Cibernética: EN 18031-1:2024; EN 18031-2:2024
 - Artigo 3.2; Anexo III Normas harmonizadas and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Rádio: EN 302 326-2 V1.2.2
- Diretriz RoHS:** EN IEC 63000:2018

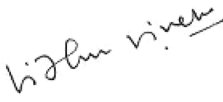
Ano da primeira aplicação da marca CE: 2019

Datado: 10-07-2025

Lugar: Ashburton, UK

Assinaturas:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Guardião do TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Esta Declaração de Conformidade é armazenada como documento pmp-2380

**DECLARAȚIA DE CONFORMITATE A UE (Română) (Romania)**

RO

Cambium Networks Ltd declară pe răspunderea sa exclusivă că produsele la care se referă această declarație sunt conforme cu cerințele esențiale aplicabile din următoarea directivă (directive) a Consiliului Uniunii Europene:

- 2014/53/EU al Parlamentului European și a Consiliului din 16 aprilie 2014 privind armonizarea legislațiilor statelor membre referitoare la punerea la dispoziție pe piață a echipamentelor radio și de abrogare a Directivei 1999/5/EC (RED)
- 2011/65/UE a Parlamentului European și a Consiliului, din 8 iunie 2011, și modificări în Directivei 2015/863/UE din 31 martie 2015, privind restricționarea utilizării anumitor substanțe periculoase în echipamentele electrice și electronice (Directiva RoHS)

Produse: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Producător: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Descriere: Ponte Ethernet ponto a ponto sem fio

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Descriere	Numere de numere	Directivele aplicabile
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variante O sistema PTP 450i de 3 GHz inclui antena inclinada dupla de 19 dBi integrada (P/N C030045D901A) e versões de antena conectorizada para uso com antenas externas dedicadas e pode ser fornecido com PoE opcional aprimorado ou padrão, protetor de sobretensão gigabit ou unidade de proteção contra raios (PTP-LPU)

Notă: Os ganhos nominais das antenas externas dedicadas são especificados abaixo

Antena externă dedicată	Câștigați maxim
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformitate: Metode utilizate pentru demonstrarea conformității:

1. **Directiva privind echipamentele radio (RED):**

- articolele 3.1(a), 3.1(b), 3.2, și 3.3, prin anexa II:
 - Siguranță: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Sănătate EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Securitate Cibernetică: EN 18031-1:2024; EN 18031-2:2024
- Articolul 3.2; Anexa III Standarde armonizate and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

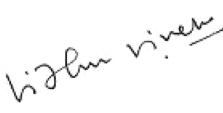
2. **Directiva RoHS:** EN IEC 63000:2018

Anul primei aplicări a mărcii CE: 2019

Datat: 10-07-2025

Loc: Ashburton, UK

Semnături:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

Administrator al TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Această Declarație de Conformitate este stocată ca document pmp-2380



EÚ VYHLÁSENIE O ZHODE (Slovenský) (Slovakia)

SK

Cambium Networks Ltd vyhlasuje na svoju vlastnú zodpovednosť, že výrobky, na ktoré sa vzťahuje toto vyhlásenie, sú v súlade s platnými základnými požiadavkami nasledujúcej smernice (-ov) Rady Európskej únie:

- 2014/53/EÚ Európskeho parlamentu a Rady z 16. apríla 2014 o zosúladiení právnych predpisov členských štátov týkajúcich sa sprístupnenia rádiových zariadení na trhu a o zrušení smernice Európskeho parlamentu a Rady 1999/5/EC (RED)
- 2011/65/EÚ Európskeho parlamentu a Rady z 8. júna 2011 a zmeny a doplnenia smernice 2015/863/EÚ z 31. marca 2015 o obmedzení používania niektorých nebezpečných látok v elektrických a elektronických zariadeniach (smernica RoHS)

Produkty: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Výrobca: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Popis: Bezdrôtový most Ethernet typu point-to-point

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Popis	Číslo častí	Uplatniteľné smernice
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianty Systém 3 GHz PTP 450i obsahuje integrovanú dvojité šikmú anténu 19 dBi (P/N C030045D901A) a verzie s konektorom pre použitie s vyhradenými externými anténami. Môže byť dodávaný s voliteľným vylepšeným alebo štandardným PoE, gigabitovým prepäťovým chráničom alebo jednotkou na ochranu pred bleskom (PTP-LPU)

Poznámka: Nominálne zisky vyhradených externých antén sú uvedené nižšie

Vyhradená externá anténa	Maximálny zisk
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Zhoda: Metódy používané na preukázanie zhody pomocou harmonizovaných noriem a iných použiteľných špecifikácií:

1. Smernica o rádiovom zariadení (RED):

- Články 3.1(a), 3.1(b), 3.2, a 3.3 prostredníctvom prílohy II:
 - bezpečnosť: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Zdravie EME: EN 62311:2020
 - Rádiový: EN 302 326-2 V1.2.2
 - Kybernetická Bezpečnosť: EN 18031-1:2024; EN 18031-2:2024
- článok 3.2; Príloha III Harmonizované normy and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Rádiový: EN 302 326-2 V1.2.2

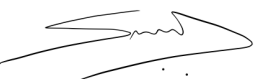
2. Smernica RoHS: EN IEC 63000:2018

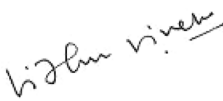
Rok prvého uplatnenia značky CE: 2019

Datovaný: 10-07-2025

Miesto: Ashburton, UK

Podpisy:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Strážca TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Toto vyhlásenie o zhode sa ukladá ako dokument pmp-2380

**EU IZJAVA O SKLADNOSTI** (Slovenija) (Slovenia)

SI

Cambium Networks Ltd s svojo izključno odgovornostjo izjavlja, da so proizvodi, na katere se nanaša ta izjava, v skladu z veljavnimi bistvenimi zahtevami naslednje direktive (direktiv) Svet Evropske unije:

- 2014/53/EU Evropskega parlamenta in Sveta z dne 16. aprila 2014 o usklajevanju zakonodaje držav članic o dajanju radijske opreme na trg in o razveljavitvi Direktive 1999/5/EC (RED)
- 2011/65/EU Evropskega parlamenta in Sveta z dne 8. junija 2011 in spremembe Direktive 2015/863/EU z dne 31. marca 2015 o omejevanju uporabe nekaterih nevarnih snovi v električni in elektronski opremi. (Direktiva RoHS)

Izdelki: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Proizvajalec: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Opis: Bezdrôtový most Ethernet typu point-to-point

Model: 3082XH, 3082CXH, 3092XH (X = H or J)

Opis	Številke delov	Veljavne direktive
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variante Systém 3 GHz PTP 450i obsahuje integrovanú dvojité šikmú anténu 19 dBi (P/N C030045D901A) a verzie s konektorom pre použitie s vyhradenými externými anténami. Môže byť dodávaný s voliteľným vylepšeným alebo štandardným PoE, gigabitovým prepäťovým chráničom alebo jednotkou na ochranu pred bleskom (PTP-LPU)

Opomba: Nominálne zisky vyhradených externých antén sú uvedené nižšie

Namenska zunanja antena	Največja moc
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Skladnost: Metode, uporabljene za dokazovanje skladnosti z uporabo harmoniziranih standardov in drugih veljavnih specifikacij:

1. Direktiva o radijski opremi (RED):

i. Členi 3.1(a), 3.1(b), 3.2, in 3.3 prek Priloge II:

- Varnost: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
- EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
- Zdravje EME: EN 62311:2020
- Radijska: EN 302 326-2 V1.2.2
- Kibernetska Varnost: EN 18031-1:2024; EN 18031-2:2024

ii. Člen 3.2; Priloga III Harmonizirani standardi and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116

- Radijska: EN 302 326-2 V1.2.2

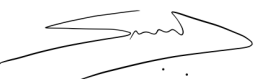
2. RoHS direktiva: EN IEC 63000:2018

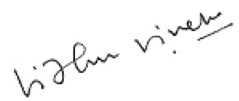
Leto prve prijave oznake CE: 2019

Z dne: 10-07-2025

Kraj: Ashburton, UK

Podpisi:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Skrbnik TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Ta izjava o skladnosti je shranjena kot dokument pmp-2380



DECLARACIÓN UE DE CONFORMIDAD (Español) (Spain)

ES

Cambium Networks Ltd declara bajo su exclusiva responsabilidad que los productos a los que se refiere la presente declaración se ajustan a los requisitos esenciales aplicables de la (s) siguiente (s) Directiva (s) del Consejo de la Unión Europea:

- 2014/53/UE del Parlamento Europeo y del Consejo, de 16 de abril de 2014, sobre la armonización de las legislaciones de los Estados miembros sobre la puesta a disposición en el mercado de los equipos de radiocomunicaciones y por la que se deroga la Directiva 1999/5/EC (RED)
- 2011/65/UE del Parlamento Europeo y del Consejo, de 8 de junio de 2011, y modificaciones de la Directiva 2015/863/UE, de 31 de marzo de 2015, sobre restricciones a la utilización de determinadas sustancias peligrosas en aparatos eléctricos y electrónicos (Directiva RoHS)

Productos: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Fabricante: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Descripción: Puente Ethernet inalámbrico punto a punto

Modelo: 3082XH, 3082CXH, 3092XH (X = H or J)

Descripción	Números de parte	Directivas aplicables
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Variantes El sistema PTP 450i de 3 GHz incluye una antena inclinada dual integrada de 19 dBi (P/N C030045D901A) y versiones de antena conectorizada para su uso con antenas externas dedicadas y puede suministrarse con PoE opcional mejorado o estándar, protector de sobretensión gigabit o unidad de protección contra rayos (PTP-LPU)

Nota: Las ganancias nominales de las antenas externas dedicadas se especifican a continuación

Antena externa dedicada	Ganancia máxima
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Conformidad: Métodos utilizados para demostrar la conformidad utilizando normas armonizadas y otras especificaciones aplicables:

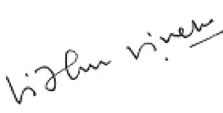
- Directiva de equipos de radio (RED):**
 - Artículos 3.1(a), 3.1(b), 3.2, y 3.3, vía Anexo II:
 - La seguridad: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Salud: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Ciberseguridad: EN 18031-1:2024; EN 18031-2:2024
 - Artículo 3.2; Anexo III Normas armonizadas and EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2
- Directiva RoHS:** EN IEC 63000:2018

Año de la primera aplicación de la marca CE: 2019

Anticuoado: 10-07-2025

Lugar: Ashburton, UK

Firmas:

 Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering	 Vibhu Vivek, Senior Vice President - Products
--	--

Guardián del TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Esta Declaración de conformidad se almacena como documento pmp-2380



EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE (Svenska) (Sweden)

SE

Cambium Networks Ltd förklarar på eget ansvar att de produkter till vilka denna deklaration gäller, överensstämmer med de tillämpliga väsentliga kraven i följande direktiv(er) av Europeiska unionens råd:

- 2014/53/EU av Europaparlamentets och rådets direktiv den 16 april 2014 om harmonisering av medlemsstaternas lagstiftning om tillverkning av radioutrustning på marknaden och om upphävande av direktiv 1999/5/EC (RED)
- 2011/65/EU av Europaparlamentets och rådets direktiv den 8 juni 2011 och ändringar av direktiv 2015/863/EU av den 31 mars 2015 om begränsning av användningen av vissa farliga ämnen i elektrisk och elektronisk utrustning (RoHS-direktivet)

Produkter: Cambium Networks 3 GHz PTP 450i Connectorised Access Point and 3 GHz PTP 450i Integrated Access Point

Tillverkare: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP

Beskrivning: Point-to-Point trådlös Ethernet-brygga

Modell: 3082XH, 3082CXH, 3092XH (X = H or J)

Beskrivning	Artikelnummer	Gällande direktiv
3 GHz PTP 450i END, Connectorized (3082CXH; X = H or J)	C030045B001Y (Y = A or B)	1, 2
3 GHz PTP 450i END, Integrated High Gain Antenna (3082XH; X = H or J)	C030045B002Y (Y = A or B)	1, 2
AC+DC Enhanced Power Injector (EPI)	C000065L002C	1, 2
Power Over Ethernet (PoE) Supply	N000000L034B	1, 2
PTP Lightning Protection Unit	C000065L007X (X = A, B, or C)	1, 2
Gigabit Surge Suppressor (56V)	C000000L033X (X = A or B)	1, 2
Approved Software	CANOPY 24.2.2 or later	

Varianter 3 GHz PTP 450i-systemet innehåller integrerad 19 dBi dubbel lutande antenn (P/N C030045D901A) och anslutna antennversioner för användning med dedikerade externa antenner och kan levereras med tillvalet förbättrad eller standard PoE, gigabit överspänningsskydd eller blixtskyddsenhet (PTP-LPU)

Notera: De nominella vinsterna för de dedikerade externa antennerna anges nedan

Dedikerad extern antenn	Maximal vinst
Flat Plate	17 dBi Sector
Flat Plate	19 dBi Directional

Överensstämmelse: Metoder som används för att visa överensstämmelse med hjälp av harmoniserade standarder och andra tillämpliga specifikationer:

1. Direktivet om radioutrustning (RED):

- Artiklarna 3.1(a), 3.1(b), 3.2, och 3.3, via bilaga II:
 - Säkerhet: IEC 62368-1:2014; EN 62368-1:2014+A11:2017; IEC 60529:1992+A2:2013
 - EMC: EN 301 489-1 V2.1.1 Class B; EN 301 489-17 V3.1.1;
 - Hälsa EME: EN 62311:2020
 - Radio: EN 302 326-2 V1.2.2
 - Cybersäkerhet: EN 18031-1:2024; EN 18031-2:2024
- Artikel 3.2; Bilaga III Harmoniserade standarder och EU Notified Body no. 0889 - UL VS Ltd., Type Examination Cert no.: UL/12994963-116
 - Radio: EN 302 326-2 V1.2.2

2. RoHS-direktivet: EN IEC 63000:2018

År för första ansökan om CE-märkning: 2019

Daterad: 10-07-2025

Plats: Ashburton, UK

Signaturer:


Sriram Chaturvedi, Vice President - System Test, Compliance, and Customer Engineering


Vibhu Vivek, Senior Vice President - Products

Behållare av TCF: Cambium Networks Limited, Unit B2, Linhay Business Park, Eastern Road, Ashburton, Devon, United Kingdom TQ13 7UP
Denna försäkran om överensstämmelse lagras som dokument pmp-2380