

Cisco Spark Board 70

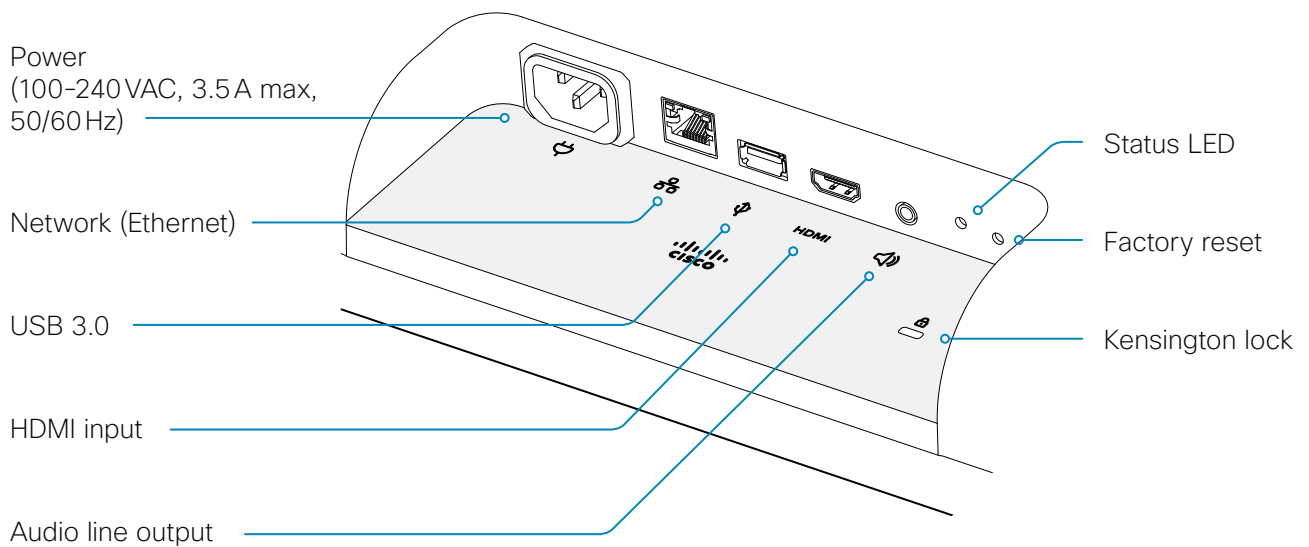
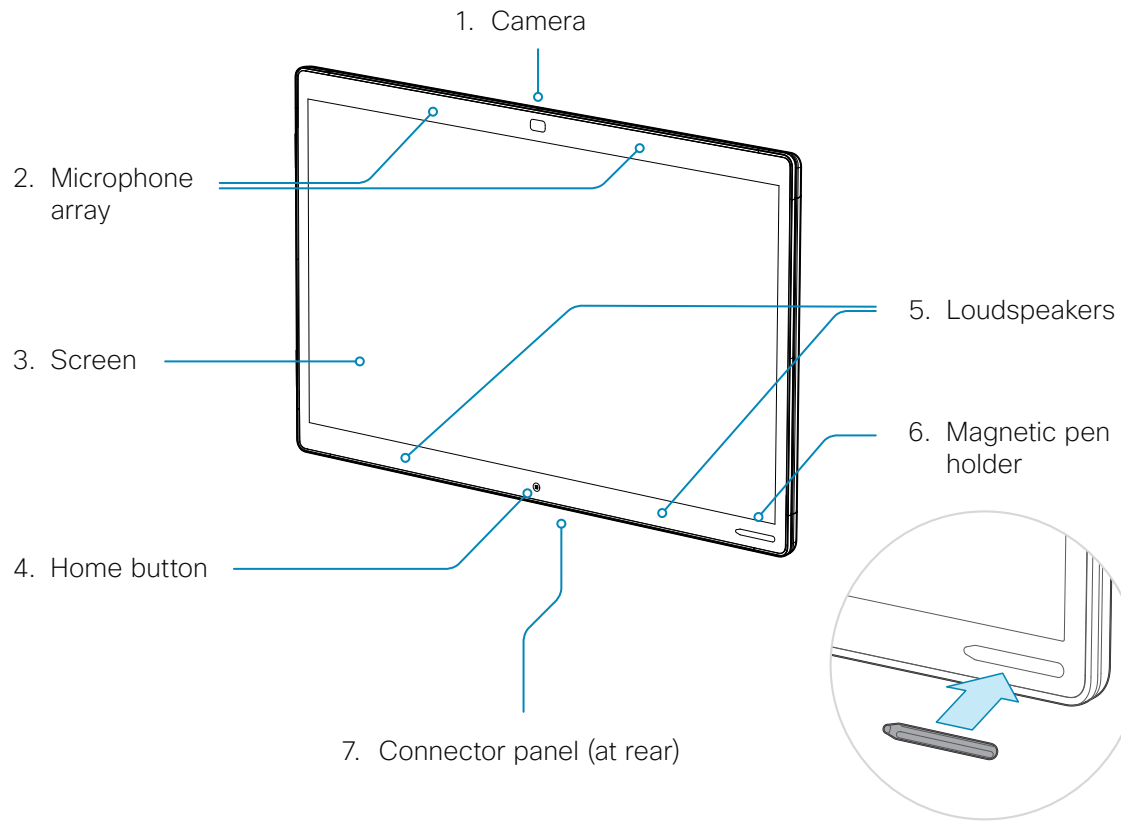
Compliance model number: AA70WW

- Physical interface specification
- Data sheet
- Safety information



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Physical interface



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Data Sheet

Cisco Spark Board

Cisco Spark Board 70

The Cisco Spark™ Board is an all-in-one device that provides everything you need to collaborate with your teams in physical meeting rooms. You can wirelessly present, white board, and have video and audio calls. And it securely connects to your virtual teams through the Cisco Spark service, via your Cisco Spark app-enabled devices, so you can take your meetings and content on the road.

Figure 1. White Boarding Capability on the Cisco Spark Board 70



Cisco Spark Board Product Overview

The Cisco Spark Board revolutionizes the way we work by combining key requirements for team collaboration in the physical meeting room into a single device and connects it to the cloud for continuous workflow. It's a wireless presentation screen, a digital whiteboard, and an audio and video conferencing system, all in one. The Cisco Spark Board helps teams collaborate in physical meeting rooms, but also securely connects to virtual meeting spaces to facilitate continuous workflow before, during, and after everyone has left the physical conference room. The Cisco Spark Board draws its power from the Cisco Spark service, which combines meeting, messaging, calling, and new white boarding capabilities on any Cisco Spark app-enabled device. Registration to the Cisco® Collaboration Cloud lets you store everything created on the Cisco Spark Board directly in the cloud and associate it to a virtual Cisco Spark space, so you can take your work wherever you go. The Cisco Spark Board solution offers an integrated, secure, and comprehensive lifecycle approach to teamwork that is as yet unimagined, and thus unmatched, by any other solution on the market.

The Cisco Spark Board 70 is a fully self-contained system on a high-resolution 4K 70-inch LED screen. With an integrated 4K camera, embedded microphones, and a capacitive touch interface, the board brings intelligence, style, and usability to meeting rooms, from small to large. Designed with minimal wires, so as not to disrupt its elegance, Cisco's latest collaboration device is touch-based for easy and rich team collaboration. Not only is the Cisco Spark Board beautiful to behold and effortless to use, it is also affordable to acquire and easy to install and deploy, so that it can be a fixture in all of your conference rooms.

The Cisco Spark Board is the latest addition to the portfolio of Cisco Spark video and audio conferencing devices that register to the Cisco Collaboration Cloud, including the Cisco TelePresence® [MX](#) and [SX](#) Series, the Cisco [DX](#) Series, the Cisco IP Phone [7800](#) and [8800](#) Series, and the [Cisco Spark Room Kit Series](#).

Figure 2. Video Conferencing on the Cisco Spark Board



Cisco Spark Board Features and Benefits

Feature	Benefit
Wireless presentation	• No wires required to share a presentation, locally or remotely, from a laptop (HDMI available)
Digital whiteboard	• Easily white board with the Cisco Spark Pen or your finger on the Cisco Spark Board and automatically save content to a Cisco Spark space • Connects to white-boarding capability on any Cisco Spark app-enabled device • Annotate on shared documents (future software release)
Audio/video conferencing	• High-quality video conferencing (Cisco Spark and Session Initiation Protocol [SIP]) • High-fidelity audio conferencing
Industrial design	• Discreet built-in 4K camera is unobtrusive, to help users feel comfortable when close to the screen • Built-in microphones and wireless sharing add to the clean, no-wire aesthetics • Fixed-lens camera uses an 86-degree-wide field of view to capture virtually the entire room • High-resolution 4K screen shows detailed content beautifully

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Feature	Benefit
Usability	• Easy-to-understand activity circles correspond to the basic activities and workflows that users need to get their work done • Intuitive navigation, such as a home button and touchscreen, is a staple of mobile devices and familiar to users • Consistent user interface and workflow across the Cisco Spark Board and Cisco Spark app reduce the user's learning curve • Familiar capacitive touch capability is the same as on smartphones and tablets, and allows for two-point multi-touch, which lets two people work on the board at the same time
Continuous workflow	• Cloud registration lets everything created on the Cisco Spark Board be stored directly and securely in the cloud and associated to a virtual Cisco Spark space • Team members can pick up wherever they left off on the Cisco Spark Board when they leave the physical room; work can continue from a different location, time zone, or device, such as another Cisco Spark Board or any other Cisco Spark app-enabled devices (smartphones, tablets, laptops) • Cisco Spark Board and the Cisco Spark service together provide end-to-end encryption, so your communications and content are secure
Intelligent views	• Powerful 4K camera captures high-resolution image of virtually the entire room • Intelligent software algorithms enable future capabilities such as automatic framing for the best possible views and active speaker tracking (future software release)
Intelligent audio	• Built-in 12-microphone array amplifies sound quality – as if a microphone has been extended to each speaker • Automatically modulates the active speaker so that clear audio is delivered to the far end, whether the speaker is close to or far away from the Cisco Spark Board • No microphone wires to detract from the aesthetics of the Cisco Spark Board • Powerful microphones cover a room with 8 to 10 people
Intelligent Proximity	Cisco Spark Proximity and ultrasound pairing technology enable the following: • Cisco Spark Board automatically wakes up when it detects a Cisco Spark app-enabled user enter the room and suggests an activity to choose from • Wireless sharing of documents from a laptop is enabled both within and outside of a conference call; connect seamlessly to personal and mobile devices using ultrasound (no need for dongles, adapters, typing in PINs, etc.) • Basic endpoint control of the Cisco Spark Board can be done through a Cisco Spark app-enabled mobile device (make and disconnect calls, etc.)

Cisco Spark Board Prominent Features/Differentiators

The Power of the Cisco Spark Platform Enables Continuous Teamwork

The Cisco Spark Board is revolutionary in its capability, usability, and design, but the ability to connect teams beyond the physical meeting room is thanks to the power of the Cisco Spark platform. The consistency, simplicity, and reliability of experience across the Cisco Spark Board and other Cisco Spark app-enabled devices is made possible by these key features of the Cisco Spark platform:

- **Cloud based:** The Cisco Spark Board is registered and delivered simply and securely with end-to-end encryption through the Cisco Collaboration Cloud and offered on a subscription basis, so you can add or update services automatically or on demand.
- **App based:** Once they are shared or created on the Cisco Spark Board and associated with a Cisco Spark virtual space, content and messages live persistently and can be accessed from any mobile device – laptop, smartphone, tablet – on the Cisco Spark app from wherever you are. This means work and knowledge can be transferred seamlessly from one team member to the next, from one time zone to another.
- **Activity based:** The capabilities you enjoy on the Cisco Spark Board – meeting, calling, messaging, and white boarding – are the same capabilities you will experience on any other Cisco Spark app-enabled personal device. So you can start your work on the Cisco Spark Board and continue on your personal and mobile devices, or vice versa.

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Cisco Spark Board Platform Support

Product Family	Platforms Supported
Cisco Spark Board	Requires activation and connection to the Cisco Collaboration Cloud

Cisco Spark Board Subscription

License Level	Term
Cisco Spark Board subscription	Monthly or 1-, 2-, 3-, 4-, or 5-year options

Cisco Spark Board 70 Product Specifications

Type	Specifications
Software	Cisco Spark Board OS, provisioned by the Cisco Collaboration Cloud
Components	Fully integrated unit is delivered with: • Multi-touch 70-inch LED display • 4K camera • 12-microphone array • Speakers • White boarding pen
Display	• Edge LED LCD – 70-inch 4K, 300 nits, 16:9 • Viewing angle: +- 88 degrees (all directions) • Number of colors: 1.07 billion (10 bit) • Contrast: 1:4000 • Response time: 6 ms
User interface	• Capacitive touch • Protective glass with optical bonding • Multi-touch
Inputs and outputs	• HDMI input • Home button • 3.5-mm mini jack audio out (line out) • One USB 3.0 (for serviceability)
Camera overview	• Fixed lens, infinite focus • F-value: 2.8 • 4Kp60 • Horizontal field of view (HFOV): 86 degrees • Vertical field of view (VFOV): 55 degrees • Camera mounted tilted: -25 degrees
Audio system	• 12-element microphone array (with intelligent voice tracking) • Integrated voice-optimized speakers
Network	• Ethernet (RJ-45) 100/1000 Mbps • Wi-Fi 802.11a/b/g/n; 802.11ac (2.4 and 5 GHz) (supported on future software release) • Bluetooth ready • IPv4 Dynamic Host Configuration Protocol (DHCP)/static • Network Time Protocol (NTP)
User controls	• Control Cisco Spark Board directly from the touchscreen or using a Cisco Spark app-enabled personal device
Language support	• English, Spanish, German, French • Additional languages to be supported in future software release
Physical dimensions (H x W x D)	• 40.7 x 64.1 x 2.4 in (1034 x 1627 x 61 mm)
Weight	• 141.8 lb (64.3 kg)

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Type	Specifications
Physical dimensions and weight of packaging (H x W x D)	Main unit - Consolidated package size: 47.5 x 73.8 x 9.6 in (1207 x 1875 x 245 mm) - Weight: 141.8 lb (64.3 kg) - Shipping weight (including packaging): 159.4 lb (72.3 kg) Wall mount kit - Consolidated package size: 10.1 x 66 x 3.6 in (256 x 1675 x 92 mm) - Weight: 13.2 lb (6 kg) - Shipping weight: 15.4 lb (7 kg) Floor stand kit - Consolidated package size: 60 x 47 x 6.7 in (1524 x 1186 x 172 mm) - Weight: 33 lb (15 kg) - Shipping weight: 37.5 lb (17 kg) Cisco Spark Board and the selected mounting option will be shipped in a consolidation pack on a pallet. The dimensions above describe each of the individual boxes within the consolidation packaging.
Power	- Autosensing power supply 100 to 240 VAC, 50 to 60 Hz - Power consumption: - Sleep: 55W - Idle or in-use: 240W
System management	Cisco Spark Board is managed in the administrator portal in Cisco Spark, giving system status and overview, activation, configuration, metrics, and troubleshooting.
Operating temperature and humidity	0° to 35°C (32° to 95°F) at relative humidity 10% to 90% (noncondensing)
Approvals and compliance	- Directive 2014/35/EU (Low-Voltage Directive) - Directive 2014/30/EU (EMC Directive) – Class A - Directive 2014/53/EU (Radio Equipment Directive) - Directive 2011/65/EU (RoHS) - Directive 2002/96/EC (WEEE) - NRTL approved (Product Safety) - FCC CFR 47 Part 15B (EMC) – Class A - FCC Listed (Radio Equipment) Please check product approval status database http://www.ciscofax.com for approval documents per country.
System requirements	- Cisco Spark Board is connected to the Cisco Collaboration Cloud service using RESTful APIs. Communication with other Cisco Spark Boards, Cisco Spark apps, or other third-party solutions is provided through the Cisco Collaboration Cloud - Communication with the Cisco Collaboration Cloud uses the H.264 codec for video and the OPUS codec for audio - Real-time media (voice, video, and screen sharing) is encrypted using the Secure Real-Time Transport Protocol (SRTP); end-to-end encryption uses Advanced Encryption Standard (AES) 128, AES 256, SHA1, SHA256, and RSA
Bandwidth requirements	Minimum bandwidth: 720p30 from 768 Kbps 1080p30 from 1.72 Mbps Maximum bandwidth: - Transmit: 4.3 Mbps - Receive: 10 Mbps
Video inputs	1 HDMI for local presentation or sharing in meetings. Supports formats up to maximum 4K (3840 x 2160). Frame rate of 60 fps for up to 1080p and 30 fps for 2160p. Extended Display Identification Data (EDID).
Live video resolutions (encode/decode)	Main video: - Up to 1920 x 1080@30 (HD1080p) Presentation sharing: - Up to 1920 x 1080@30 (HD1080p)

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Type	Specifications
Audio features	• High-quality 20-kHz audio • Acoustic echo cancellation • Automatic Gain Control (AGC) • Automatic noise reduction • Active lip synchronization • Microphone array with intelligent voice tracking capabilities

Ordering Information

The Cisco Spark Board requires activation and connection with the Cisco Spark service. Without an active subscription, it can be used only for local presentations using HDMI.

Cisco Spark Board

Product Name	Product Number
Cisco Spark Board 70	SPARK-BOARD70-K9
Cisco Spark Board 70 – floor stand kit	SPARK-BOARD70-FSK
Cisco Spark Board 70 – wall mount kit	SPARK-BOARD70-WMK

Cisco Spark Board Spares

Product Name	Product Number
Cisco Spark Board 70 – spare	SPARK-BOARD70=
Cisco Spark Board 70 – floor stand kit – spare	SPARK-BOARD70-FSK=
Cisco Spark Board 70 – wall mount kit – spare	SPARK-BOARD70-WMK=
Cisco Spark Board Pens 3x SPARE	SPARK-BOARD-PEN3X=

Cisco Spark Board Subscription

Product Name	Product Number
Cisco Spark Board subscription	A-SPK-SH-ND-BRD

Warranty Information

The Cisco Spark Board 70 has a 90-day limited liability warranty.

Cisco Service and Support

Cisco and our partners provide a broad portfolio of smart, personalized services and support that can help you realize the full business value of your Cisco collaboration investment by increasing business agility and network availability. This portfolio of services accelerates business innovation by harnessing the network as a powerful business platform. For more information about these services, please visit:

<http://www.cisco.com/go/collaborationservices>.

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Cisco Capital

Financing to Help You Achieve Your Objectives

Cisco Capital® can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

Call to Action

- Download the [Cisco Spark](#) app today.

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Safety information

Where to Find Product Documentation

Product Information

<http://help.ciscopark.com>

<http://www.cisco.com/go/telepresence/docs>

Warranty Information

<http://www.cisco-warrantyfinder.com>

Regulatory, Compliance, and Safety Information

<http://www.cisco.com/go/telepresence/docs>

End User License Agreement and License Information

<http://www.cisco.com/go/eula>

<http://www.cisco.com/go/license>

Antennas

The device has integrated antennas which cannot be replaced.

Radio Channels

The phones use World Mode (802.11d) to determine operating channels and transmit powers.

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Où trouver la documentation du produit

Informations sur le produit

<http://help.ciscopark.com>

<http://www.cisco.com/go/telepresence/docs>

Informations sur la garantie

<http://www.cisco.com/ca/allergarantie> Informations relatives à la conformité et à la sécurité

<http://www.cisco.com/go/telepresence/docs>

Contrat de licence de l'utilisateur final et informations sur la licence

<http://www.cisco.com/go/eula>

<http://www.cisco.com/go/license>

Pour consulter les documents en français (y compris les nouveautés), identifiez-vous :

<http://www.cisco.com/cisco/web/CA/fr/support/index.html>

Antennes

L'appareil comprend des antennes intégrées qui ne peuvent être remplacées.

Canaux radio

Les téléphones utilisent la norme mondiale (802.11d) pour déterminer les canaux en fonctionnement et les puissances d'émission.

Где найти документацию по продукту

Информация о продукте

<http://help.ciscopark.com>

<http://www.cisco.com/go/telepresence/docs>

Информация о гарантии

<http://www.cisco-warrantyfinder.com>

Информация о безопасности и соблюдении нормативных требований

<http://www.cisco.com/go/telepresence/docs>

Лицензионное соглашение конечного пользователя и информация о лицензии

<http://www.cisco.com/go/eula>

<http://www.cisco.com/go/license>

Дополнительную информацию на русском языке можно получить на сайте

<http://www.cisco.ru>

Антенны

Устройство оснащено встроенными антеннами, которые не подлежат замене.

Радиоканалы

Для определения рабочих каналов и мощности передачи телефоны используют режим World Mode (802.11d).

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<製品使用における安全上のご注意>

シスコ製品をご使用になる前に安全上の注意をご確認ください。

<http://www.cisco.com/web/JP/techdoc/index.html>

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Safety Instructions – Warnings

Informations sur la sécurité – Avertissements

English [EN]: Read the installation instructions before using, installing or connecting the system to the power source.

Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

Ultimate disposal of this product should be handled according to all national laws and regulations.

No user-serviceable parts inside. To avoid risk of electric shock, do not open.

Installation of the equipment must comply with local and national electrical codes.

Bulgarian [BG]: Прочетете инструкциите за инсталация преди използването, инсталирането или свързването на системата към електрозахранването.

Разрешено е само на обучен и квалифициран персонал да инсталира, заменя или да обслужва това оборудване.

Изхвърлянето на този продукт трябва да се направи като се следват всички национални закони и разпоредби.

Не съдържа части, които могат да се обслужват от потребителите. За да избегнете риска от електрически удар, не отваряйте.

Инсталирането на оборудването трябва да съответства на местните и националните електрически изисквания.

Croatian [HR]: Prije upotrebe, ugradnje i priključivanja sustava na izvor napajanja pročitajte upute za instaliranje.

Ovu opremu smije instalirati, mijenjati i servisirati samo osposobljeno i kvalificirano osoblje.

Konačno odlaganje ovog proizvoda treba obaviti u skladu s nacionalnim zakonima i propisima.

Unutra nema dijelova koje može servisirati korisnik. Ne otvarajte kako bi izbjegli opasnost električnog udara.

Instalacija opreme mora biti sukladna lokalnim i nacionalnim normama izvedbe električnih instalacija.

Czech [CZ]: Před použitím, instalací nebo připojením systému ke zdroji napájení si přečtěte pokyny k instalaci.

Instalaci, výměnu či servis tohoto zařízení by měli provádět pouze vyškolení a kvalifikovaní pracovníci.

Konečná likvidace produktu musí proběhnout v souladu s vnitrostátními předpisy a směrnici.

Uvnitř zařízení se nenacházejí žádné díly, na kterých by mohl provádět údržbu uživatel. Aby se předešlo riziku úrazu elektrickým proudem, zařízení neotevírejte.

Instalace zařízení musí proběhnout v souladu s vnitrostátními a místními předpisy pro elektrická zařízení.

Dutch [NL]: Lees de installatie-instructies voordat u het systeem gebruikt, installeert of aansluit op een stroombron.

Deze apparatuur mag alleen worden geïnstalleerd, vervangen of hersteld door bevoegd geschoold personeel.

Het uiteindelijke wegruimen van dit product dient te geschieden in overeenstemming met alle nationale wetten en reglementen.

Dit product bevat geen onderdelen waarop de gebruiker onderhoud kan uitvoeren. Niet openen, om het risico op elektrische schokken te voorkomen.

Bij installatie van de apparatuur moet worden voldaan aan de lokale en nationale elektriciteitsvoorschriften.

Estonian [EE]: Enne seadme kasutamist, paigaldamist või elektrivõrku ühendamist lugege paigaldusjuhiseid.

Antud seadet tohib paigaldada, asendada ja hooldada vaid koolitatud ja kvalifitseeritud personal.

Antud toote lõplik kõrvaldamine tuleb läbi viia kõigi riiklike õigusaktide ja määruste alusel.

Seadmel puuduvad kasutaja poolt hooldatavad osad. Elektilöögi ohu vältimiseks seadet mitte avada.

Seadme paigaldus peab vastama kohalikele ja riiklikele elektrieeskirjadele.

Finnish [FI]: Lue asennusohjeet ennen käyttämistä, asentamista tai järjestelmän liittämistä virtalähteeseen.

Tämän laitteen saa asentaa, vaihtaa tai huoltaa ainoastaan koulutettu ja laitteen tunteva henkilökunta.

Tämä tuote on hävitettävä kansallisten lakien ja määräysten mukaisesti.

Sisällä ei ole käyttäjän huollettavissa olevia osia. Välttääksesi sähköiskuvaaran, älä avaa.

Laitteisto tulee asentaa paikallisten ja kansallisten sähkömääräysten mukaisesti.

French [FR]: Lisez les instructions d'installation avant d'utiliser, d'installer ou de connecter le système à la source d'alimentation.

Il est vivement recommandé de confier l'installation, le remplacement et la maintenance de ces équipements à des personnels qualifiés et expérimentés.

La mise au rebut ou le recyclage de ce produit sont généralement soumis à des lois et/ou directives de respect de l'environnement. Renseignez-vous auprès de l'organisme compétent.

Pas de parties utilisables par l'utilisateur à l'intérieur. Afin d'éviter tout risque de choc électrique, ne pas ouvrir.

L'équipement doit être installé conformément aux normes électriques nationales et locales.

Gaelic [GD]: Lestu leiðbeiningar um uppsetningu áður en þú notar, setur upp eða tengir kerfið við aflgjafa.

Aðeins þjálfuðu og hæfu starfsfólki er heimilt að setja upp, skipta um eða þjónusta þennan búnað.

Endanleg förgun á þessari vöru skal vera í samræmi við öll landslög og -reglugerðir.

Engir hlutar innan í sem notendur geta notað. Til að forðast áhættu á raflosti skal ekki opna búnaðinn.

Uppsetning á búnaðinum verður að fylgja staðbundnum og landsbundnum rafmagnskóðum.

German [DE]: Lesen Sie die Installationshinweise, bevor Sie das System nutzen, installieren oder an die Stromversorgung anschließen.

Das Installieren, Ersetzen oder Bedienen dieser Ausrüstung sollte nur geschultem, qualifiziertem Personal gestattet werden.

Die Entsorgung dieses Produkts sollte gemäß allen Bestimmungen und Gesetzen des Landes erfolgen.

Im Gerät befinden sich keine vom Benutzer zu wartenden Teile. Um Stromschlaggefahr zu vermeiden, öffnen Sie das Gerät nicht.

Die Installation der Geräte muss den Sicherheitsstandards entsprechen.

Greek [GR]: Πριν από τη χρήση, την εγκατάσταση ή τη σύνδεση του συστήματος στην παροχή ρεύματος, διαβάστε τις οδηγίες εγκατάστασης.

Μόνο εκπαιδευμένο και πιστοποιημένο προσωπικό επιτρέπεται να εγκαθιστά, αντικαθιστά ή επισκευάζει τον εξοπλισμό.

Η τελική απόρριψη του προϊόντος πρέπει να εκτελείται σύμφωνα με όλους τους εθνικούς νόμους και κανονισμούς.

Δεν περιέχει εξαρτήματα επισκευάσιμα από τον χρήστη. Μην ανοίγετε για την αποφυγή κινδύνου ηλεκτροπληξίας

Η εγκατάσταση του εξοπλισμού πρέπει να είναι σύμφωνη με τους τοπικούς και εθνικούς κώδικες περί ηλεκτρικών εγκαταστάσεων.

Hungarian [HU]: Olvassa el a telepítési útmutatót, mielőtt használná, telepítené vagy csatlakoztatná a rendszert az áramforráshoz.

A berendezést csak szakképzett személy helyezheti üzembe, cserélheti ki és javíthatja.

Életciklusának végén a terméket a hatályos nemzeti hulladékkezelési törvények és szabályozások betartásával kell elhelyezni.

Nem tartalmaz a felhasználó által javítható alkatrészeket. Az áramütés elkerülése érdekében ne nyissa ki.

A berendezés üzembe helyezése során be kell tartani a helyi és az adott országban érvényes elektromos előírásokat.

Italian [IT]: Leggere le istruzioni per l'installazione prima di usare, installare o collegare il sistema all'alimentazione.

Questo apparato può essere installato, sostituito o mantenuto unicamente da un personale competente.

Lo smaltimento di questo prodotto deve essere eseguito secondo le leggi e regolamentazioni locali.

IL sistema non contiene componenti che possono essere sostituiti o riparati dall'utente. Per evitare il rischio di scosse elettriche, non aprire.

L'installazione dell'impianto deve essere conforme ai codici elettrici locali e nazionali.

Lithuanian [LT]: Perskaitykite įdiegimo nurodymus prieš naudodami, įdiegdami arba prijungdami sistemą prie maitinimo šaltinio.

Įdiegti, pakeisti arba aptarnauti šią įrangą leidžiama tik apmokytiems ir kvalifikuotiems darbuotojams.

Galutinis šio gaminio utilizavimas turėtų būti atliktas pagal visus nacionalinius įstatymus ir taisykles.

Nėra vartotojo aptarnaujamų dalių viduje. Neatidarykite, kad išvengtumėte elektros smūgio pavojaus.

Šios įrangos įdiegimas privalo atitikti visus vietas ir nacionalinius elektros reikalavimus.

Litvian [LV]: Pirms sistēmas izmantošanas, uzstādīšanas vai pievienošanas strāvas avotam izlasiet uzstādīšanas instrukcijas.

Tikai apmācītiem un kvalificētiem darbiniekiem ir atļauts uzstādīt, nomainīt vai veikt šī aprīkojuma apkopi.

Šī produkta pilnīgu likvidēšanu jāveic atbilstoši visiem valsts tiesību aktiem.

Lekšpusē nav detaļu, kuru apkopi var veikt lietotājs. Lai izvairītos no elektriskās strāvas trieciena riska, neatveriet.

Aprīkojuma uzstādīšanu jāveic, ievērojot vietējos un valsts elektrotehniskos normatīvus.

Maltese [MT]: Aqra l-istruzzjonijiet għall-installazzjoni qabel tuża, tinstalla jew tikkonnettja s-sistema mas-sors tad-dawl.

Huwa biss persunal imħarreg u kwalifikat li għandu jithalla jinstalla, ibiddel, jew jisservisja dan it-tagħmir.

Dan il-prodott għandu jintrema skont ma jitolbu l-ligijiet u r-regolamenti kollha nazzjonali.

Ma hemm l-ebda partijiet fuq ġewwa li jistgħu jiġi servisjati mill-utent. Tiftaħ sabiex tevita r-riskju ta' xokk elettriku.

L-installazzjoni tat-tagħmir għandha tikkonforma mal-kodiċi dwar l-elettriku lokali u nazzjonali.

Polish [PL]: Przed eksploatacją, montażem lub podłączeniem systemu do zasilania przeczytaj instrukcję montażu.

Tylko odpowiednio przeszkolony i wykwalifikowany personel może przeprowadzać instalację, wymianę lub konserwację niniejszego sprzętu.

Ostateczna utylizacja produktu musi odbywać się zgodnie z wszelkimi obowiązującymi przepisami krajowymi.

Urządzenie nie ma części przeznaczonych do wymiany przez użytkownika Aby uniknąć porażenia prądem, nie należy otwierać urządzenia.

Instalacja sprzętu musi odbywać się w sposób zgodny z miejscowym i krajowymi normami elektrycznymi.

Portuguese [PT]: Leia as instruções de instalação antes da utilização, instalação ou ligação do sistema à fonte de energia.

Apenas pessoal treinado e qualificado deve ser autorizado a instalar, substituir ou fazer a revisão deste equipamento.

Deitar fora este produto em conformidade com todas as leis e regulamentos nacionais.

Não existem peças no interior que possam ser reparadas pelo usuário. Há riscos de choque. Não abra.

A instalação do equipamento tem de estar em conformidade com os códigos eléctricos locais e nacionais.

Romanian [RO]: Citiți instrucțiunile de montare înainte de a utiliza, instala sau conecta sistemul la sursa de alimentare.

Instalarea, înlocuirea sau lucrările de service pentru acest echipament trebuie efectuate numai de personal instruit și calificat.

Acest produs trebuie reciclat în conformitate cu toate legile și reglementările naționale.

Nu conține piese ce pot fi reparate de către utilizator. Pentru a evita riscul de electrocutare, nu deschideți.

Instalarea echipamentului trebuie să fie efectuată în conformitate cu codurile electrice locale și naționale.

Spanish [ES]: Lea las instrucciones de instalación antes de usar, instalar o conectar el sistema a la fuente de alimentación.

Solamente el personal calificado debe instalar, reemplazar o utilizar este equipo.

Al deshacerse por completo de este producto debe seguir todas las leyes y reglamentos nacionales.

El interior no contiene ninguna pieza que el usuario pueda reparar/mantener. Para evitar el riesgo de sufrir descargas eléctricas, no lo abra.

La instalación del equipo debe cumplir con las normativas de electricidad locales y nacionales.

Swedish [SE]: Läs monteringsinstruktionerna innan du använder, installerar eller ansluter systemet till en strömkälla.

Endast utbildad och kvalificerad personal bör få tillåtelse att installera, byta ut eller reparera denna utrustning.

Vid deponering hanteras produkten enligt gällande lagar och bestämmelser.

Innehåller inga delar som användaren kan utföra service på. Låt bli att öppna för att undvika stötar.

Installation av utrustningen måste ske i enlighet med gällande elinstallationsföreskrifter.

Slovakian [SK]: Pred použitím, inštaláciou alebo pripojením systému ku zdroju elektrickej energie si prečítajte pokyny na inštaláciu.

Inštalovať a vymieňať zariadenie alebo vykonávať jeho servis smú len vyškolení a kvalifikovaní pracovníci.

Konečná likvidácia tohto výrobku by sa mala vykonávať podľa všetkých štátnych právnych predpisov.

Vo vnútri sa nenachádzajú žiadne diely, ktorých údržbu či opravu by mohol vykonať používateľ. Zariadenie neotvárajte. Zabráňte tým riziku zasiahnutia elektrickým prúdom.

Inštalácia zariadenia musí byť v súlade s miestnymi a štátnymi elektrotechnickými normami.

Slovenian [SL]: Znotraj ni delov, ki bi jih lahko servisirali uporabniki Da bi preprečili električni šok, ne odpirajte.

To opremo lahko namešča, zamenjuje ali servisira samo pooblaščen osebje.

Llздеlek zavrзite skladno z vsemi nacionalnimi predpisi in zakonodajo.

Innehåller inga delar som användaren kan utföra service på. Låt bli att öppna för att undvika stötar.

Namestitev opreme mora biti skladna z vsemi lokalnimi in nacionalnimi električnimi predpisi.

DRAFT

National Restrictions

Restrictions nationales

Государственные ограничения

This section identifies countries that have additional requirements or restrictions.

Cette section présente les pays qui imposent des exigences ou des restrictions supplémentaires.

В данном разделе указаны страны, в которых установлены дополнительные требования или ограничения.

For FCC (US)

Modification Statement (§15.21):

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

Compliance Statement (§15.19):

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

Class A Interference Statement (§15.105a):

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment 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.

For IC (Canada)

Interference Statement (RSS-GEN, Section 8.4):

This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

5150-5250MHz is limited to use indoor only

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage ; (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

5150-5250MHz est limitée à une utilisation en intérieur uniquement.

Exposure statement (§2.1091) (US, Canada)

To comply with FCC/IC RF exposure limits for general population / uncontrolled exposure, the antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Pour se conformer aux limites d'exposition RF de la FCC / IC pour la population générale / exposition incontrôlée, les antennes utilisées pour cet émetteur doivent être installées pour assurer une distance de séparation d'au moins 20 cm de toutes les personnes et ne doivent pas être localisées ou en combinaison avec Toute autre antenne ou émetteur.

Statement 287—Declaration of Conformity to R&TTE Directive 1999/5/EC for the European Community, Switzerland, Norway, Iceland and Liechtenstein

English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Български [Bulgarian]: Това оборудване отговаря на съществени изисквания и приложими на Директива 1999/5/EC.

Česky [Czech]: Toto zařízení je v souladu základními požadavky a ostatními odpovídajícími ustanoveními Směrnice 1999/5/EC.

Dansk [Danish]: Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.

Deutsch [German]: Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.

Eesti [Estonian]: See seade vastab direktiivi 1999/5/EÜ oluliste nõuetele ja teistele asjakohastele sätetele.

Español [Spanish]: Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.

Ελληνική [Greek]: Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC.

Français [French]: Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC.

Hrvatski [Croatian]: Ova oprema je u skladnosti s bitnim zahtjevima i drugim relevantnim odredbama Direktive 1999/5/EC.

Íslenska [Icelandic]: Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EC.

italiano [Italian]: Questo apparato è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.

Latviski [Latvian]: Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]: Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.

Nederlands [Dutch]: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC.

Malti [Maltese]: Dan l-apparat huwa konformi mal-htigiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 1999/5/EC.

Magyar [Hungarian]: Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.

Norsk [Norwegian]: Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.

Polski [Polish]: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczegółowymi warunkami określonymi Dyrektywą UE: 1999/5/EC.

Português [Portuguese]: Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.

Română [Romanian]: Acest echipament este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Directivei 1999/5/EC.

Slovensko [Slovenian]: Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/EC.

Slovensky [Slovak]: Toto zariadenie je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktív: 1999/5/EC.

Suomi [Finnish]: Tämä laite täyttää direktiivin 1999/5/EC olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.

Svenska [Swedish]: Denne utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

Türk [Turkish]: Bu cihaz 1999/5/EC Direktifi'nin temel gereklerine ve ilgili diğer hükümlerine uygundur.

The full declaration of conformity for this product can be found at:

La déclaration de conformité est disponible dans son intégralité à l'adresse:

Полный текст заявления о соответствии для данного изделия см. в

<http://www.ciscofax.com>

Cisco.com login is required to access this document. You can register for a Cisco.com account if you don't have one.

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DRAFT

Intended Use

This product is a collaboration endpoint for use primarily in an office environment.

For indoor use only.



EU Authorized Representative:
Edgard Vangeel
Cisco Systems Belgium
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Belgium

EMC Class A declaration

WARNING: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

声 明

此为A级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对其干扰采取切实可行的措施。

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DRAFT

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
金属部件 (包括紧固件)	X	O	O	O	O	O
印刷电路板组件和元件	X	O	O	O	O	O
缆线和缆线组件	X	O	O	O	O	O
塑料和聚合物部件	O	O	O	O	O	O
显示器, 包含灯泡	X	X	O	O	O	O
除印刷电路板外的其他电子组件	X	O	O	O	O	O
光学玻璃材料	X	O	X (滤光玻璃)	O	O	O
干电池	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在GB/T 26572 规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572 规定的限量要求。

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