



Polycom® VBP™ 5300LF2 System Hardware Guide

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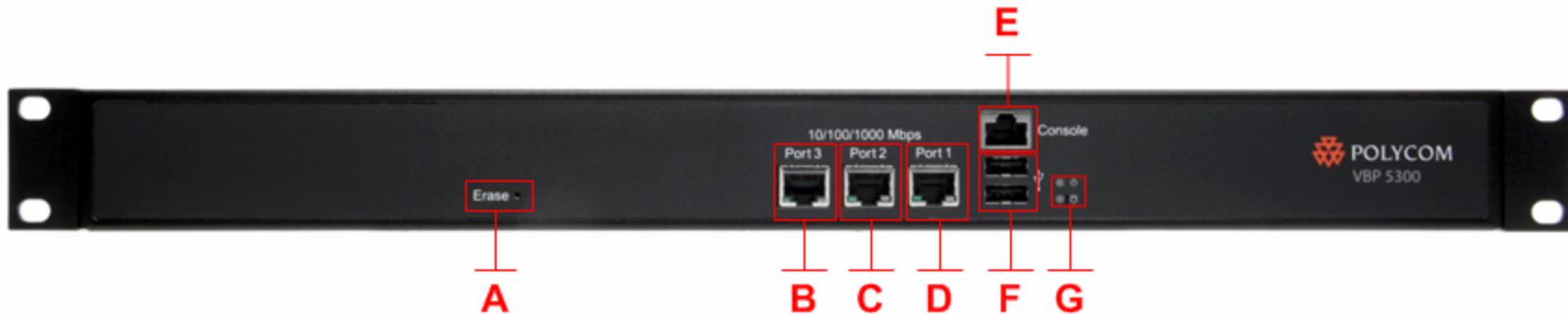
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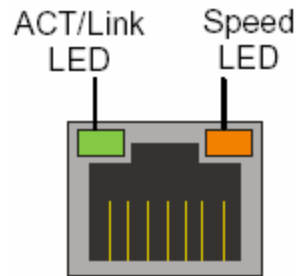
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5300LF2 VBP-E Series Physical connections and LED's



A	Erase	1 Click - Nothing 2 Clicks - Reset CLI password and restarts the system 3 Clicks - Restore to factory default
B	Port 3 - Management interface	1 x 10/100/1000 Mbps Ethernet port for optional management network connectivity, this interface must not be on the same network as the WAN or LAN subnets. This network cannot be within a subnet contained in a "Route" statement
C	Port 2 - WAN interface	1 x 10/100/1000 Mbps Ethernet port for connectivity to the WAN or Internet network connectivity Default IP: none
D	Port 1 - LAN interface	1 x 10/100/1000 Mbps Ethernet port for LAN network connectivity Default IP: 192.168.1.1
E	Console	1 x RS-232 8 pin modular console port for management – 9600-N-8-1 NONE for flow control – 8 pin modular to DB9 cable provided in system box
F	USB	Currently not used

	Symbol	Function	Color	Signal
G		Power Status	Green	Off – No Power, the system is off On – Power is good, the system is on
		Data Status	Red	Off – No data access to the IDE drive On – Data is being written to the IDE drive



Label	Color	Indication	Status
ACK/LINK	Green or other	On	1: Ethernet port is receiving power 2: Good link between the Ethernet port and the connected switch
		Off	1: The adapter and switch are not receiving power 2: No connection between both ends of the network cable, check cable, replace cable.
	Green or other	Flashing	The adapter is sending and receiving network data. The frequency of the flashing varies with the amount of data being transferred.
Speed	Yellow	On	ACK/LINK LED must be on. This LED will show the system operating at 1000 Mbps
	Green	On	ACK/LINK LED must be on. This LED will show the system operating at 100 Mbps
		Off	ACK/LINK LED must be on. This LED will show the system operating at 10 Mbps



H	Input Power Socket	Accepts 3-pin Shroud Female plug for input power
I	On/Off Switch	Used to turn the system on and off
J	VGA	Currently not used

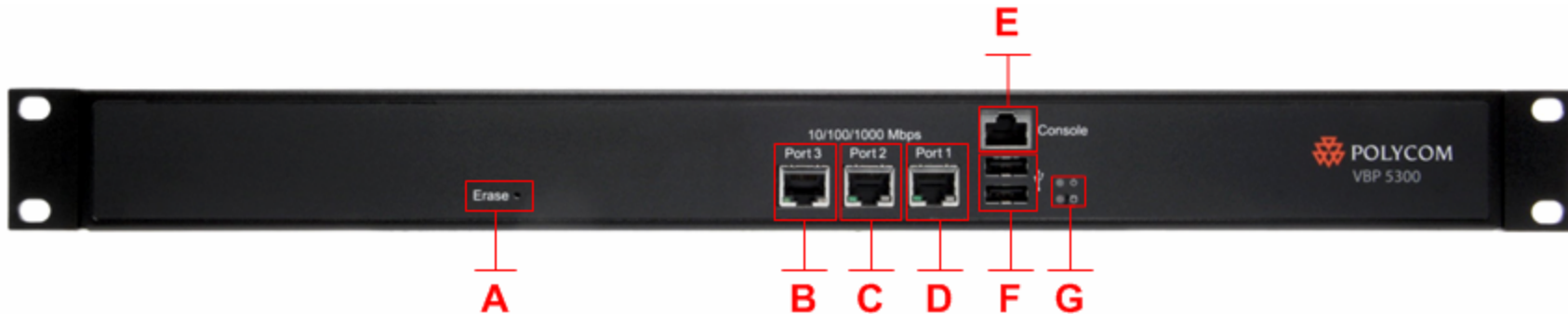
Connecting to the 5300LF2 VBP-E Series for the First Time

The VBP Series appliance is shipped with a pre-configured IP address on Port 1 of 192.168.1.1

1. Connect the 3-pin Shroud female plug of the power cord into the input power socket in the system shown as **(H)** in the above figures and the other end to a wall AC outlet.
2. Turn the system power on by pressing on the top part of the power switch shown as **(I)** in the above figures.
3. Connect a computer using an IP address of 192.168.1.2 and subnet mask of 255.255.255.0 to Port 1 shown as **(D)** in the above figures with either a Ethernet switch or a Ethernet cable wired directly to the computer.
4. Launch a Web browser on the computer and enter the <http://192.168.1.1> Press Return. The main configuration menu appears - enter the username root and the password default.
5. The EULA license agreement will now be displayed. After reading the license agreement, click "I agree" at the bottom to continue configuring the system.

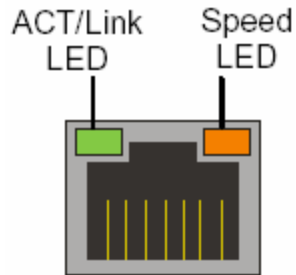
Configure the Network parameters as defined in the Configuration Guide contained on the VBP Documentation Library CD provided with the system. The Configuration Guide is also available on the Polycom Web site.

5300LF2 VBP-ST series Physical connections and LED's



A	Erase	1 Click - Nothing 2 Clicks - Reset CLI password and restarts the system 3 Clicks - Restore to factory default
B	Port 3 - Management interface	1 x 10/100/1000 Mbps Ethernet port for optional management network connectivity, this interface must not be on the same network as the WAN or LAN subnets. This network cannot be within a subnet contained in a "Route" statement
C	Port 2 - Provider interface	1 x 10/100/1000 Mbps Ethernet port for connectivity to the Provider or LAN network connectivity Default IP: none
D	Port 1 - Subscriber interface	1 x 10/100/1000 Mbps Ethernet port for Subscriber or WAN/Internet network connectivity Default IP: 192.168.1.1
E	Console	1 x RS-232 8 pin module console port for management – 9600-N-8-1 NONE for flow control – 8 pin modular to DB9 cable provided in system box
F	USB	Not used

	Symbol	Function	Color	Signal
G		Power Status	Green	Off – No Power - the system is off On – Power is good - the system is on
		Data Status	Red	Off – No data access to the IDE drive On – Data is being written to the IDE drive



Label	Color	Indication	Status
ACK/LINK	Green or other	On	1: Ethernet port is receiving power 2: Good link between the Ethernet port and the connected switch
		Off	1: The adapter and switch are not receiving power 2: No connection between both ends of the network cable, check cable, replace cable.
	Green or other	Flashing	The adapter is sending and receiving network data. The frequency of the flashing varies with the amount of data being transferred.
Speed	Yellow	On	ACK/LINK LED must be on. This LED will show the system operating at 1000 Mbps
	Green	On	ACK/LINK LED must be on. This LED will show the system operating at 100 Mbps
		Off	ACK/LINK LED must be on. This LED will show the system operating at 10 Mbps



H	Input Power Socket	Accepts 3-pin Shroud Female plug for input power
I	On/Off Switch	Used to turn the system on and off
J	VGA	Currently not used

Connecting to the 5300LF2 VBP-ST Series for the First Time

The VBP Series appliance is shipped with a pre-configured IP address on Port 1 of 192.168.1.1

1. Connect the 3-pin Shroud female plug of the power cord into the input power socket in the system shown as **(H)** in the above figures and the other end to a wall AC outlet.
2. Turn the system power on by pressing on the top part of the power switch shown as **(I)** in the above figures.
3. Connect a computer using an IP address of 192.168.1.2 and subnet mask of 255.255.255.0 to Port 1 shown as **(D)** in the above figures with either a Ethernet switch or a Ethernet cable wired directly to the computer.
4. Launch a Web browser on the PC and enter the <http://192.168.1.1> Press Return. The main configuration menu appears - enter the username root and the password default.
5. The EULA license agreement will now be displayed. After reading the license agreement, click “I agree” at the bottom to continue configuring the system.

Configure the Network parameters as defined in the Configuration Guide contained on the VBP Documentation Library CD provided with the system. The Configuration Guide is also available on the Polycom Web site.

Specifications and Certifications

Ethernet ports	3 x 10/100/1000 Ethernet
Serial Ports	1 x RS-232 8 pin modular
Dimensions	W: 443mm / 17.4" x D: 292mm / 11.5" x H: 44mm / 1.73" (1U)
Weight	13 lbs
Power	100/240v VAC - auto-selecting, 50 to 60 Hz with 200W output - BTU/h = 682
Warranty	1 Year
Environmental Requirement	Operating Temperature: 0° to 40°C Relative Humidity: 10% to 90% Acoustics: < 55db Shock: 0.5 Sine shock, 10G peak, 10 +/- 3ms on (X,Y,Z) axis Vibration: 0.5G (Peak) / 5~500 Hz, 2hours at each of Z axis BTU/h = 682
Certifications	RoHS Compliant WEEE Compliant
Safety	CE, cUL
Emissions	FCC Part 15 Class A ICES-003 VCCI Class A KCC CCC C-tick
Immunity	CE
MTBF	78,120 (hrs)

Physical Installation

The 5300LF2 is designed for desktop or rack mount installation. Observe the following guidelines when installing the system:

- Always verify that the AC cord is disconnected from a power source prior to installation.
- Ensure that the installation site has adequate air circulation and meets the minimum operating conditions for the system as specified in the Specifications and Certifications section of this document.

Desktop or rack shelf Installation

- Remove the 5300LF2 and accessories from the shipping container.
- Place the 5300LF2 on a flat, dry surface such as a desktop, shelf or tray.

Rack- Mount Installation

- Remove the rack mount kit supplied in the shipping container and install the kit on the 5300LF2
- Mount the completed assembly into your 19" equipment rack.

Connecting the Power and Cables

The 5300LF2 comes with an AC power cord for connecting the unit to the AC outlet.

Warning: Always connect the AC power cord to an AC outlet suitable for the power supply per the Power specifications listed in this document in order to reduce the risk of damage to the 5300LF2 power supply.

- Connect one end of the AC power cord to the 5300LF2 input power socket and the other one to the AC outlet. Connecting the AC power cord to the input power socket of the 5300LF2 may require a little force to get the plug properly positioned

Caution: Secure the AC power cord using a fastener or tie wrap to a cable management system to ensure the 5300LF2 does not hang from the AC outlet.

- If connecting to an Internet router, Internet DMZ switch, cable modem or DSL modem, then connect the Ethernet cable to the Ethernet WAN/Subscriber port on 5300LF2 and the other end to the WAN device.

Compliance and Compatibility for the VBP 5300LF2 Converged Network Appliance

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.

USA AND CANADIAN NOTICES

FCC Notice

Class A Digital Device or Peripheral

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.

In accordance with Part 15 of the FCC rules, the user is cautioned that any changes or modifications not expressly approved by Polycom Inc. could void the user's authority to operate this equipment.

The socket outlet to which this apparatus is connected must be installed near the equipment and must always be readily accessible.

Part 15 FCC Rules

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.

Industry Canada (IC)

This Class [A] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe [A] est conforme à la norme NMB-003 du Canada.

The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with

the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Ringer Equivalence Number (REN) assigned to each relevant terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed 5.

The REN of this equipment is either marked on the unit or included in the new style USA FCC registration number. In the case that the REN is included in the FCC number, the user should use the following key to determine the value:

The FCC number is formatted as US:AAAEQ#TXXX.

is the Ringer Equivalence Number without a decimal point (e.g. REN of 1.0 will be shown as 10, REN of 0.3 will be shown as 03). In the case of a Z ringer, ZZ shall appear. In the case of approved equipment without a network interface or equipment not to be connected to circuits with analog ringing supplied, NA shall appear.

The REN is useful to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs of all devices that may be connected to a line, is determined by the total RENs, contact the local telephone company.

CLASS A STATEMENTS

Japan

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI-A

Korea**Class A ITE**

기종별	사용자안내문
A급 기기 (업무용 방송통신기기)	이 기기는 업무용(A급)으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

China**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。

EEA Regulatory Notices

CE Mark R & TTE Directive

This Polycom VBP system has been marked with the CE mark. This mark indicates compliance with EEC Directives 89/336/EEC, 73/23/EEC 1999/5/EC. A full copy of the Declaration of Conformity can be obtained from Polycom Ltd., 270 Bath Road, Slough UK SL1 4DX

Declaration of Conformity:

English:	Hereby, Polycom, declares that this VBP 5300LF2 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Česky [Czech]:	Polycom tímto prohlašuje, že tento VBP 5300LF2 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]:	Undertegnede Polycom erklærer herved, at følgende udstyr VBP 5300LF2 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]:	Hiermit erklärt Polycom, dass sich das Gerät VBP 5300LF2 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]:	Käesolevaga kinnitab Polycom seadme VBP 5300LF2 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Español [Spanish]:	Por medio de la presente Polycom declara que el VBP 5300LF2 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]:	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Polycom ΔΗΛΩΝΕΙ ΟΤΙ VBP 5300LF2 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]:	Par la présente Polycom déclare que l'appareil VBP 5300LF2 est conforme aux exigences essentielles et aux autres dispositions pertinentes de

	la directive 1999/5/CE.
Italiano [Italian]:	Con la presente Polycom dichiara che questo VBP 5300LF2 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]:	Ar šo Polycom deklarē, ka VBP 5300LF2 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]:	Šiuo Polycom deklaruoja, kad šis VBP 5300LF2 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]:	Hierbij verklaart Polycom dat het toestel VBP 5300LF2 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]:	Hawnhekk, Polycom, jiddikjara li dan VBP 5300LF2 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]:	Alulírott, Polycom nyilatkozom, hogy a VBP 5300LF2 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]:	Niniejszym Polycom oświadcza, że VBP 5300LF2 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC
Português [Portuguese]:	Polycom] declara que este VBP 5300LF2 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]:	Polycom izjavlja, da je ta VBP 5300LF2 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky	

[Slovak]:	Polycom týmto vyhlasuje, že VBP 5300LF2 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]:	Polycom vakuuttaa täten että VBP 5300LF2 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]:	Härmed intygar Polycom att denna VBP 5300LF2 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska (Icelandic):	Hér með lýsir Polycom yfir því að VBP 5300LF2 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC
Norsk [Norwegian]:	Polycom erklærer herved at utstyret VBP 5300LF2 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF

Hardware Warranty

For a period of one (1) year after shipment of the Product, Polycom warrants that such Hardware will substantially conform to Polycom's published specifications for such Hardware on the date of order if properly used in accordance with procedures described in the documentation supplied by Polycom. End-user shall notify Polycom of any nonconformance during the warranty period, obtain a return authorization for the nonconforming Hardware from Polycom, and return the nonconforming Hardware to Polycom's designated repair facility, freight prepaid, with a statement describing the nonconformity. Polycom's exclusive obligations with respect to nonconforming Hardware shall be, at Polycom's option, to advance replace such Hardware, if it is determined to be defective, or to refund to End-user the purchase price paid for the Product. Advance replacement units are shipped same business day for next-day delivery (within the US) when hardware failure is determined by 1pm PST. Failed components must be returned to Polycom within 14 days or End-user will be charged for new product purchase.

Restriction of Hazardous Substances Directive (RoHS)

Polycom products are RoHS compliant, which means we have eliminated or brought to within acceptable limits: Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls, and Polybrominated Diphenylethers. For more information please contact TypeApproval@polycom.com.

End of Life Products

Polycom encourages you to recycle your end-of-life Polycom products in an environmentally considerate way. In accordance with the requirements of the European Waste Electronic and Electrical Equipment (WEEE) Directive, all Polycom products are marked with the crossed wheelie bin symbol shown below. Products that carry this symbol should be not be disposed of in the household or general waste stream. Detail of the options open to you and the guidance on the requirements for the recycling and environmentally considerate disposal of your end of life Polycom products can be found at <http://www.polycom.com/WEEE>.