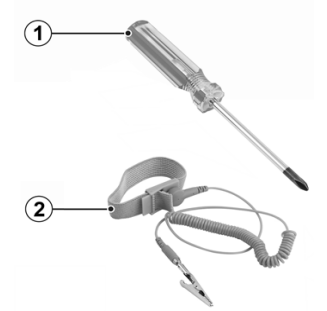


V300-8P-2T-W Virtual Port Extender Quick Reference

Follow these steps to get your port extender up and running.

For complete installation instructions see the *ExtremeSwitching: Hardware Installation Guide* at www.extremenetworks.com/documentation

Tools You'll Need

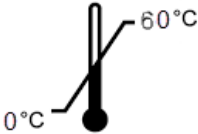


- 1 M3.5 and/or M4 #2 Phillips screwdriver (magnetic screwdriver recommended)
- 2 ESD (Electrostatic Discharge) wrist strap

1 Prepare the Site

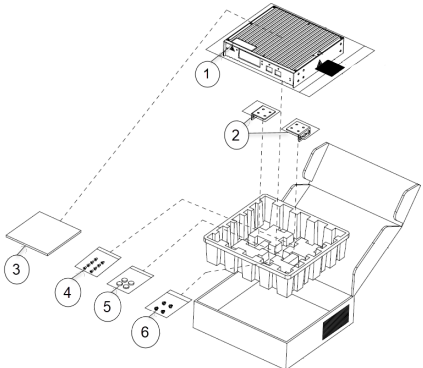
The installation site must meet the following requirements:

- Network cabling within reach
- At least of 7.6 cm (3.0 in.) on all sides, for proper ventilation
- Temperature between 0°C (32°F) and 60°C (140°F) with fluctuations of less than 10°C (18°F) per hour



2 Unpack the Box

Remove the packing material. Break the tape seal on the non-conductive bag and remove the port extender.



- 1 V300-8P-2T-W Virtual Port Extender
- 2 Short mounting brackets
- 3 Quick Reference
- 4 Flat head screws for attaching brackets
- 5 Rubber feet
- 6 Pan head screws provided for VESA mounting

If the port extender appears to be damaged, contact Extreme Networks. See "[Accessories](#)" for more information.

Extreme Networks does not include power input cords with this product. To purchase the correct power cord for your country, refer to www.extremenetworks.com/product/powercords/. This page lists details for purchasing a power cord from Extreme Networks or from your local supplier.

3 Install the Equipment

Typical installations for the V300-8P-2T-W include wall, under table, or table surface installations, as well as VESA mounting. See "[Additional Available Mounting Kits](#)" for orderable options.

Mounting the V300-8P-2T-W on a Wall

Pre-installation checklist:

- The mounting surface, item, and hardware must be able to support the extender in all environmental conditions.
- The mounting surface should be flat.

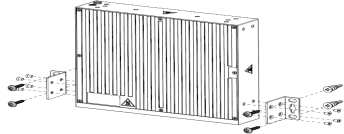


Note: All mounting screws are M4 with #2 Phillips head

Note: Mounting the extender to a wall or a under table requires short brackets and M3.5, #2 Phillips screwdriver

To install the extender on a wall or flat surface:

- 1 Install the short bracket onto a wall with accessory screws.
- The orientation for wall mounting should be front panel facing down
- Two short brackets attached to the extender by 4 wood screws and 4 anchors, provided in the accessory kit.

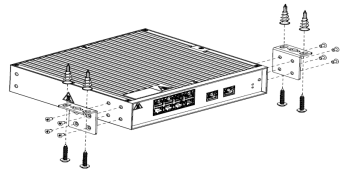


- Attach the short brackets to both sides of the extender.
 - Use the optional short bracket as a template and mark the holes to be used. Extreme recommends using 2 holes per short rack ear.
 - Drill the holes and attach the bracket using the provided screws and anchors.
- 2 Connect the LAN/Ethernet cables to the extender.

Under Table Mounting

The V300 Virtual Port Extender can also be secured under a table:

- 1 Attach the short mounting brackets (included) to the sides of the port extender using four screws (included) for each bracket.



- 2 Secure the virtual port extender to the underside of the table using the provided 4 wood screws and 4 anchors.

Table Surface Mounting

The V300 Virtual Port Extender can also be placed onto a table or other flat surface:



- 1 Attach the rubber feet (included) to the underside of the virtual port extender
- 2 Place the virtual port extender on the table or flat surface.

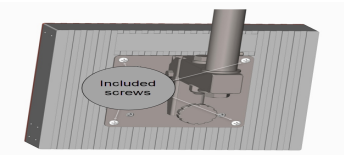
VESA Mounting



Note: VESA mounting, rack mounting, and DIN Rail mounting require an M4, #2 Phillips screwdriver

The VESA mount comes with 4 screws and should be used when mounting the V300-8P-2T-W model to a VESA mount for 75mm x 75mm or 35mm x 75mm mounting dimensions.

Use the included 4 screws with the VESA mount:



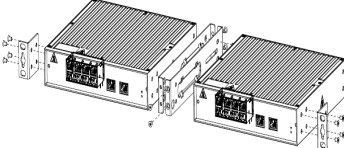
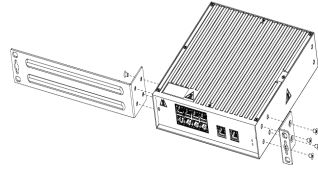
The following rack mounting options require an accessory mounting kit:

Single or Dual Rack Mounting

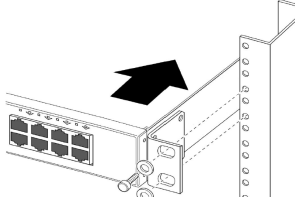
The V300-8P-2T-W Virtual Port Extender can be single or dual rack-mounted with an additional accessory bracket.

To attach the port extender to single or dual brackets:

- 1 Attach the short mounting brackets (included) to the sides of the port extender using four screws (included) for each bracket.



- 2 Align the holes in the brackets with the rack post holes.
- 3 Secure the port extender to each post with rack-mounting screws.

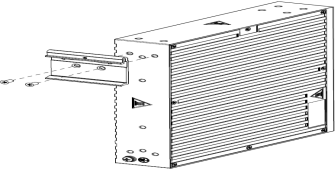


- Rack-mounting screws are not included in the kit.

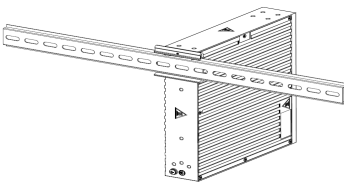
DIN Rail Mounting

The V300-8P-2T-W model can be mounted using a DIN rail mount kit. To mount the virtual port extender to DIN rail option 1:

- 1 Attach the DIN mounting bracket to the rear of the port extender using the two screws (included) for each bracket.

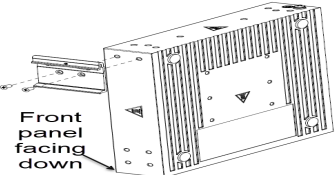


- 2 Align the DIN bracket with the DIN rail and attach the port extender.

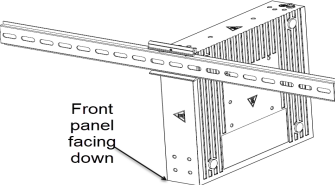


To mount the virtual port extender to DIN Rail option 2:

- 1 Attach the DIN mounting bracket to the rear of the port extender using the two screws (included) for each bracket.



- 2 Align the DIN bracket with the DIN rail and attach the port extender.



4 Connect Power

The V300-8P-2T-W Virtual Port Extender runs on Power over Ethernet.

Table 1 V300-8P-2T-W Powering Method

Power Source	Description
Power over Ethernet (PoE)	This model is powered through the 1G 802.3bt PD up-link ports (see Figure 1 , item #2).

5 Activate the Port Extender

To activate your port extender:

- 1 Enable VPEX on a supported switch. Refer to the *ExtremeXOS User Guide* for details.
- 2 Attach the port extender to a 1GbE copper port with PoE power on the extender.

Safety Notices



Caution: Before mounting the device, ensure that the mounting location can support it without compromising stability. Otherwise, personal injury and/or equipment damage may result.



Caution: Follow appropriate ESD procedures when unpacking and handling the device. These include unpacking the device in an ESD-safe environment and wearing appropriate ESD protective gear, such as ESD-safe footwear and ESD wrist straps where appropriate.



Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Hardware Components

Figure 1 V300-8P-2T-W Virtual Port Extender: Front Panel



- 1 10/100/1000BASE-T PoE ports
- 2 1G 802.3bt PD up-link ports

Figure 2 V300-8P-2T-W Virtual Port Extender: Rear Panel



For component details, see the *Hardware Installation Guide*.

Operating Conditions

Operating Temperature:
0°C (32°F) to 60°C (140°F)

Storage Temperature:
-40°C to 70°C (-40°F to 158°F)

Operating Relative Humidity:
5% to 95% (non-condensing)

Operating Altitude:
0 to 3,000 meters

Interfaces

The following table lists the specific interfaces for each port extender.

V300-8P-2T-W	V300 base unit with 8 10/100/1000BASE-T half/full duplex PoE+ ports, 2 1000BASE-T 802.3bt Type 4 ports, PoE powered, fanless
--------------	--

Power Specifications

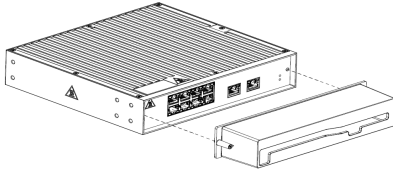
V300-8P-2T-W	802.3bt Type 4 PD input power 46-56V DC 1.6A x 2: * PoE ports load to 0W, 30W, or 50W for 1 input. * PoE ports load to 30W, 75W, or 105W for 2 inputs. Other input combinations are possible. See <i>Hardware Installation Guide</i> for more combinations.
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Additional Available Mounting Kits

XN-1S-RKMT-V300	Single rack mount kit for single unit in 19" rack
XN-2S-RKMT-V300	Dual rack mount kit for 2 units side-by-side in a 19" mount
XN-DIN-MT-V300	DIN Rail Mount Kit

Accessories

Figure 3 Cable Management Cover (depending on shipment)



- Protective cover that prevents tampering with front panel connections. Includes two screws with security Torx head, T6.

Getting Help

For additional support related to the V300-8P-2T-W Virtual Port Extender or to this document, contact Extreme Networks using one of the following methods:

Product Documentation	https://www.extremenetworks.com/documentation/
Global Technical Assistance Center (GTAC)	Phone: 1-800-998-2408 (toll-free in U.S. and Canada) or +1-408-579-2826. For the support phone number in your country, visit: http://www.extremenetworks.com/support/contact/
GTAC Knowledge	Get on-demand and tested resolutions from the GTAC Knowledgebase, or create a help case if you need more guidance. Visit: https://gtacknowledge.extremenetworks.com/
The Hub	A forum for Extreme customers to connect with one another, get questions answered, share ideas and feedback, and get problems solved. The community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC. Visit: https://community.extremenetworks.com
Support Portal	Manage cases, downloads, service contracts, product licensing, and training and certifications. Visit: http://support.extremenetworks.com/

Notice

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Warranty

Warranty information for the V300-8P-2T-W Virtual Port Extender is located online at: www.extremenetworks.com/support/policies/

Regulatory and Compliance Information

Federal Communications Commission (FCC) Notice

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.

NOTE: 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 uses, generates, and can radiate radio frequency energy and if not installed in accordance with the operator’s manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

WARNING: Changes or modifications made to this device which are not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Industry Canada Notice
CAN ICES-3 (A)/NMB-3(A)

This digital apparatus does not exceed the class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le présent appareil numérique n’émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.


Class A ITE Notice

WARNING: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

Product Safety

This product complies with the following international safety standards:


- UL 60950-1 2nd edition, A2:2014
- UL 62368-1 2nd Ed. 2014-12-01
- CAN/CSA-C22.2 No.60950-1-07 2nd Ed. 2014-10
- IEC 60950-1:2005 2nd+A1:2009+A2:2013
- IEC/EN 62368-1 2nd
- EN 6238-1:2014/A11:2017
- EN 60950-1:2006+A11+A1+A12+A2
- 2014/35/EU
- CNS 14336-1




CAUTION
Hot surface
Do not touch

Warning: The V300 virtual port extender may be hot to the touch during normal operation.

Attention: Le V300 peut être chaude au toucher pendant le fonctionnement normal.



Warning: The V300 virtual port extender is designed for installation in restricted access locations.



Attention: Le V300 est conçu pour une installation dans des endroits à accès restreint.

Optical Module Compliance

Extreme Networks pluggable optical modules and direct-attach cables meet the following regulatory requirements:

- UL and/or CSA registered component for North America
- Class 1 Laser Product
- FCC 21 CFR Chapter 1, Sub-chapter J in accordance with FDA & CDRH requirements
- IEC/EN 60825-1:2007, IEC/EN 60825-2:2004+A1+A2 or later, European Standard
- Application of CE Mark in accordance with 2014/30/EU EMC Directive and 2014/35/EU Low Voltage Directive
- 47 CFR Part 15, Class A when installed into Extreme products

Korea EMC Statement

이 기기는 업무용 환경에서 사용할 목적으로 적
합성평가를 받은 기기로서 가정용 환경에서 사
용하는 경우 전파간섭의 우려가 있습니다.

Australia (RCM)

WARNING: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

Electromagnetic Compatibility (EMC)

This product complies with the following: FCC 47 CFR Part 15 Subpart B Class A (US), ICES-003 (Canada), EN 55032 (ITE Emissions), EN 55024 (ITE Immunity), EN 61000-3-2 (Harmonics), EN 61000-3-3 (Flicker), 2014/30/EU (EMC Directive), EN 300 386 (Telecom), RCM (Australia), VCCI (Japan), MSIP KCC (Korea), BSMI (Taiwan), ANATEL (Brazil), CCC (China).

VCCI Notice

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

この装置は、クラスA機器です。この装置を住宅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

BSMI EMC Statement — Taiwan

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.

警告使用者:

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻

擾動，在此種情況下，使用者會被要求採取某些適當的對策。

Taiwan BSMI 報關義務人

申請人: 香港商極進網路有限公司台灣分公司

地址: 臺北市松山區復勢里南京東路 4 段 126 號 5 樓

警告使用者:

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，可能需要用户对干扰采取切实可行的措施。

Hazardous Substances- China and Taiwan BSMI RoHS

Guidance concerning the China and Taiwan BSMI RoHS (Restriction of Hazardous Substances) directive for this Extreme Networks® product can be found on the following web page:

www.extremenetworks.com/support/documentation/restriction-hazardous-substances/

The page contains tables detailing the presence of 10 substances defined by the RoHS directive.

Hazardous Substances- EU

This product complies with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

European Waste Electrical and Electronic Equipment (WEEE) Notice



In accordance with Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE):

- 1 The symbol above indicates that separate collection of electrical and electronic equipment is required.
- 2 When this product has reached the end of its serviceable life, it cannot be disposed of as unsorted municipal waste. It must be collected and treated separately.
- 3 It has been determined by the European Parliament that there are potential negative effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.
- 4 It is the users’ responsibility to utilize the available collection system to ensure WEEE is properly treated. For information about the available collection system, please contact Extreme Customer Support at +353 61 705500 (Ireland).

Extreme Networks

ExtremeSwitching
V300-8P-2T-W
Virtual Port Extender

Quick Reference

V300-8P-2T-W

