Edge-corE ECS4125-10P 2.5G L2 Ultra PoE++ Switch Instructions

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Safety & Regulatory Information

2.5G L2 Ultra PoE++ Switch
ECS4125-10P

FCC Class A
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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

You may use unshielded twisted-pair (UTP) for RJ-45 connections – Category 3 or better for 10 Mbps connections, Category 5 or better for 100 Mbps connections, Category 5, 5e, or 6 for 1000 Mbps connections. For fiber optic connections, you may use 50/125 or 62.5/ 125 micron multimode fiber or 9/125 micron single-mode fiber.

CE Mark
CE Mark Declaration of Conformance for EMI and Safety (EEC)
This information technology equipment complies with the requirements of the Council Directive 2014/30/EU on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility and 2014/ 35/EU for electrical equipment used within certain voltage limits. For the evaluation of the compliance with these Directives, the following standards were applied:

RFI Emission:

- Limit according to EN 55032:2015/A1:2020 Immunity:
- Product family standard according to EN 55035:2017/ A11:2020
- Electrostatic Discharge according to EN 61000-4-2:2009 / IEC 61000-4-2:2008 Ed. 2.0
- Radio-frequency electromagnetic field according to EN IEC 61000-4-3:2020
- Electrical fast transient/burst according to EN 61000-4-4:2012 / IEC 61000-4-4:2012 Ed. 3.0
- Surge immunity test according to EN 61000-4-5:2014 +A1:2017 / IEC 61000-4-5:2017 Ed. 3.1
- Immunity to conducted disturbances, Induced by radiofrequency fields: EN 61000-4-6: 2014+AC: 2015 / IEC 61000-4-6:2013 Ed. 4.0
- Power frequency magnetic field immunity test according to EN 61000-4-8:2010 / IEC 61000-4-8:2009 Ed. 2.0
- Voltage dips, short interruptions and voltage variations immunity test according to EN IEC 61000-4-11:2020

LVD:

- EN 62368-1:2014+A11:2017
- EN IEC 62368-1:2020+A11:2020

CE The Declaration of Conformity (DoC) can be obtained from www.edgecore.com -> support -> download.

UK CA

Mayflex UK Ltd
Junction Six Industrial Park, Electric Avenue,
Birmingham B6 7JJ United Kingdom
Vesper Technologies Limited
Unit 5/6 Rugby Park, Bletchley Road, Heaton Mersey,
Stockport SK4 3EJ United Kingdom

Laser Safety
Warning: Fiber Optic Port Safety:

CLASS 1
LASER PRODUCT

When using a fiber optic port, never look at the transmit laser while it is powered on. Also, never look directly at the fiber TX port and fiber cable ends when they are powered on.

Power Safety

⚠ Caution – Risk of Electrical Shock: To disconnect power, remove all power cords from the unit.

Power Cord Safety
Please read the following safety information carefully before installing the device:
Warning: Installation and removal of the unit must be carried out by qualified personnel only.

- The unit must be connected to an earthed (grounded) outlet to comply with international safety standards.
- Do not connect the unit to an A.C. outlet (power supply) without an earth (ground) connection.
- The appliance coupler (the connector to the unit and not the wall plug) must have a configuration for mating with an EN 60320/IEC 320 appliance inlet.
- The socket outlet must be near to the unit and easily accessible.
  You can only remove power from the unit by disconnecting the power cord from the outlet.
- This unit operates under SELV (Safety Extra Low Voltage) conditions according to IEC 60950. The conditions are only maintained if the equipment to which it is connected also operates under SELV conditions.

France and Peru only
This unit cannot be powered from IT† supplies. If your supplies are of IT type, this unit must be powered by 230 V (2P+T) via an isolation transformer ratio 1:1, with the secondary connection point labeled Neutral, connected directly to earth (ground).

Important! Before making connections, make sure you have the correct cord set. Check it (read the label on the cable) against the following:

Power Cord Set

U.S.A. and Canada	The cord set must be UL-approved and CSA certified. The minimum specifications for the flexible cord are: - Min. 1.5 m and Max. 4.5 m long, Type SJE, SJT, ST or SJTO, No. 18 AWG. - Min. 1.5 m and Max. 2.4 m long, Type SVT or SPT-2, No. 18 AWG - 3-conductor The cord set must have a rated current capacity of at least 10 A. The attachment plug must be an earth-grounding type with NEMA 5-15P (10 A, 125 V) configuration.
Denmark	The supply plug must comply with Section 107-2-D1, Standard DK2-1a or DK2-5a.
Switzerland	The supply plug must comply with SEV/ASE 1011.
U.K.	The supply plug must comply with BS1363 (3-pin 13 A) and be fitted with a 5 A fuse which complies with BS1362. The mains cord must comply with IEC 60227 (designation 60227 IEC 52).
Europe	The supply plug must comply with CEE7/7 ("SCHUKO"). The mains cord must comply with IEC 60227 (designation 60227 IEC 52). IEC-320 receptacle.

Warnings and Cautionary Messages

Warning: This product does not contain any serviceable user parts.
Warning: Installation and removal of the unit must be carried out by qualified personnel only.
Warning: When connecting this device to a power outlet, connect the field ground lead on the tri-pole power plug to a valid earth ground line to prevent electrical hazards.
Warning: This device uses lasers to transmit signals over fiber optic cable. The lasers are compliant with the requirements of a Class 1 Laser Product and are inherently eye safe in normal operation. However, you should never look directly at a transmit port when it is powered on.
Warning: When selecting a fiber SFP+ device, considering safety, please make sure that it can function at a temperature that is not less than the recommended maximum operational temperature of the product. You must also use an approved Laser Class 1 SFP+ transceiver.

Caution: Wear an anti-static wrist strap or take other suitable measures to prevent electrostatic discharge when handling this equipment.
Caution: Do not plug a phone jack connector in the RJ-45 port. This may damage this device.
Caution: Use only twisted-pair cables with RJ-45 connectors that conform to FCC standards.

限用物質含有情況標示聲明書

Declaration of the Presence Condition of the Restricted Substances Marking

設備名稱：2.5G L2 網管型 Ultra PoE++ 交換器	型號（型式）：ECS4125-10P
Equipment Name	Type Designation (Type)

單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr^{+6})	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
電路板組件 PCBA	—	○	○	○	○	○
風扇 Fan	—	○	○	○	○	○
機殼 Chassis	○	○	○	○	○	○
組合線 Cable ass'y	○	○	○	○	○	○
電源供應器 Power Supply	—	○	○	○	○	○

備　考 1. "超出 0.1 wt %" 及 "超出 0.01 wt %" 係指限用物質之百分比含量超出百分比含量基準值。

Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備　考 2. "○" 係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備　考 3. "—" 係指該項限用物質為排除項目。

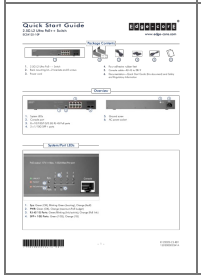
Note 3: The "—" indicates that the restricted substance corresponds to the exemption.

Warranty Information and Technical Support

To register your Edgecore product and review a detailed warranty statement, refer to the Edgecore Networks website at **www.edge-core.com**.

Read More About This Manual & Download PDF:

Documents / Resources

	Edge-corE ECS4125-10P 2.5G L2 Ultra PoE++ Switch [pdf] Instructions ECS4125-10P 2.5G L2 Ultra PoE Switch, ECS4125-10P, 2.5G L2 Ultra PoE Switch, L2 Ultra PoE Switch, PoE Switch, Switch
	**Edge-corE ECS4125-10P 2.5G L2 Ultra PoE++ Switch** [pdf] User Guide ECS4125-10P 2.5G L2 Ultra PoE Switch, ECS4125-10P, 2.5G L2 Ultra PoE Switch, L2 Ultra PoE Switch, Ultra PoE Switch, PoE Switch, Switch

References

- **CoreComm | Internet & Web Hosting Solutions**

- Edgecore Networks

Manuals+,