

Quick Start Guide

28-Port Gigabit Switch

ECS4130-28T | ECS4130-28T-DC



www.edge-core.com

Package Contents



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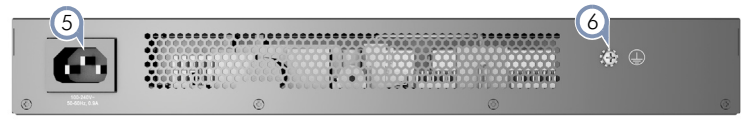


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1. ECS4130-28T or ECS4130-28T-DC
2. Rack mounting kit — 2 brackets and 8 screws
3. Console cable — RJ-45 to D-Sub
4. Power cord (ECS4130-28T only)

5. DC connector plug (ECS4130-28T-DC only)
6. Adhesive foot pads
7. Documentation — *Quick Start Guide* (this document) and *Safety and Regulatory Information*

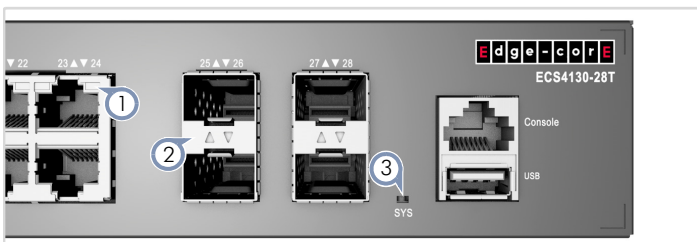
Overview



1. 24 x RJ-45 1 GbE ports
2. 4 x SFP+ 10 GbE ports
3. RJ-45 Console port
4. USB Management port

5. AC power socket (ECS4130-28T) or DC terminal (ECS4130-28T-DC)
6. Grounding point

Front LEDs



1. **RJ-45 Port LEDs:**
 - 1G Link/Activity — Green
 - 10/100 Mbps — Amber
2. **SFP+ Port LEDs:**
 - 10G Link/Activity — Green
 - 1G Link/Activity — Amber
3. **System LED:**
 - SYS LED — Green (OK), Amber (fault)



Installation



Warning: For a safe and reliable installation, use only the accessories and screws provided with the device. Use of other accessories and screws could result in damage to the unit. Any damages incurred by using unapproved accessories are not covered by the warranty.

Avertissement: Pour une installation sûre et fiable, utilisez uniquement les accessoires et les vis fournies avec l'appareil. L'utilisation d'autres accessoires et vis pourrait endommager l'appareil. Les dommages causés par l'utilisation d'accessoires non approuvés ne sont pas couverts par la garantie.

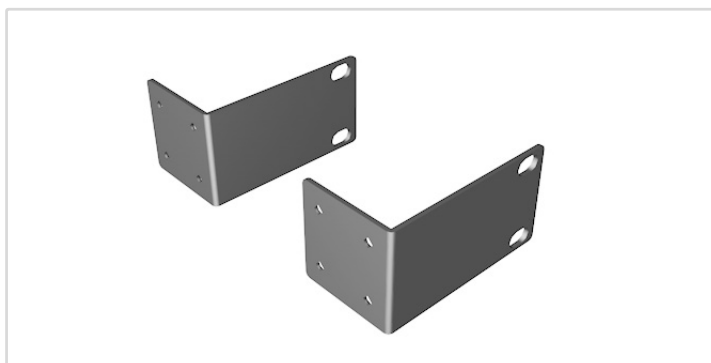


Caution: The device must be installed in a restricted-access location.

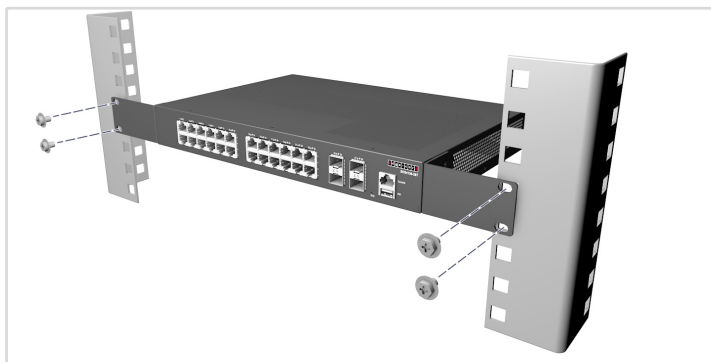
Attention: L'appareil doit être installé dans un emplacement à accès restreint.



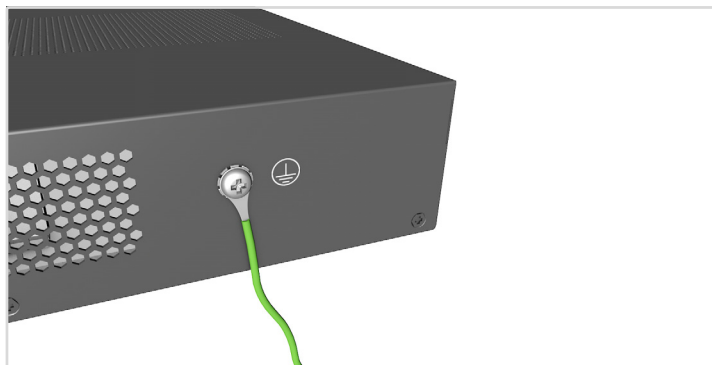
Note: The drawings in this document are for illustration only and may not match your particular model.

1 Mount the Switch**Attach the Brackets**

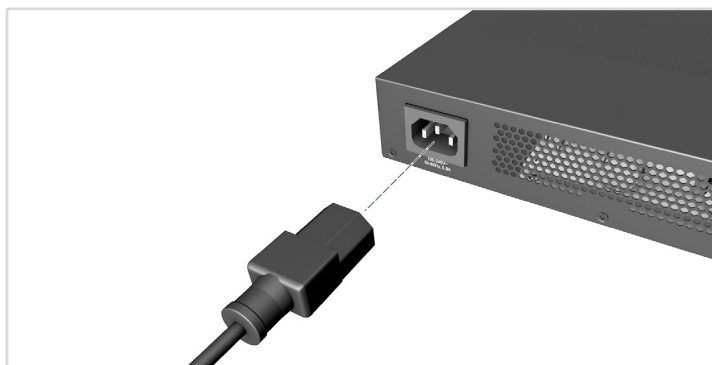
Attach the brackets to each side of the switch using the included screws.

**Mount the Switch**

Use the screws and cage/clip nuts supplied with the rack to secure the switch in the rack.

2 Ground the Switch**Ground the Switch**

Attach a #18 AWG stranded copper wire to the grounding terminal on the switch, and the other end to the rack grounding point.

3 Connect Power**Connect AC Power**

Connect the ECS4130-28T AC power socket to an AC power source.

**Connect DC Power**

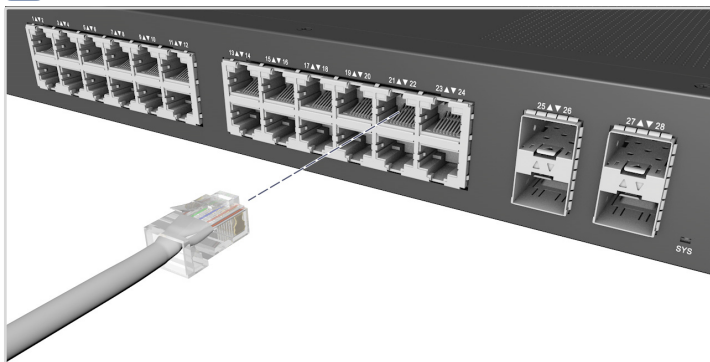
The ECS4130-28T-DC requires an external 36 V to 60 V DC power source connected to its DC terminal block.



Caution: Use a UL/IEC/EN 60950-1 certified power supply to connect to a DC converter.

Attention: Utilisez une alimentation certifiée UL/IEC/EN 60950-1 pour connecter à un convertisseur CC.

4 Make Network Connections



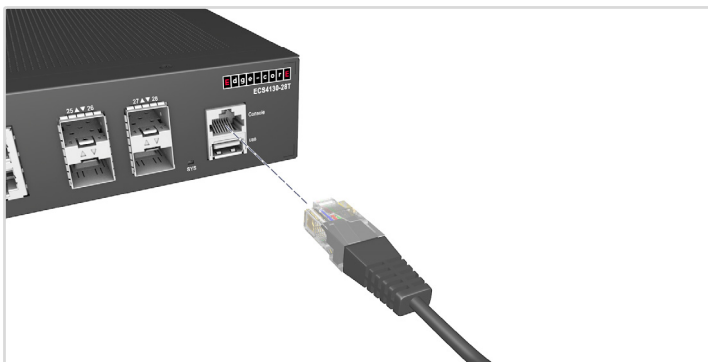
RJ-45 Ports

Connect Category 5e or better twisted-pair cables (UTP or STP is required) to the RJ-45 ports on the switch.

SFP+ Ports

Install transceivers and then connect fiber optic cabling to the transceiver ports. Alternatively, connect DAC/AOC cables directly to the SFP+ ports.

5 Make Management Connections



Console Port

Connect an RJ-45 to DE-9 straight-through console cable and then configure the serial connection: 115200 bps, 8 characters, no parity, one stop bit, 8 data bits, and no flow control.

Hardware Specifications

Switch Interfaces

Management	1 x RJ-45 Console port 1 x USB Management port
Network	24 x 1 GbE RJ-45 ports 4 x 10 GbE SFP+ ports

Switch Chassis

Size (WxDxH)	330 x 230 x 44 mm (13 x 9.1 x 1.7 in)
Weight	2 kg (4.41 lb)
Operating Temperature	0° C to 45° C (32° F to 113° F)
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Humidity	Operating: 5% to 90% (non-condensing) Storage: 5% to 95% (non-condensing)
Power Consumption	23 Watts maximum

ECS4130-28T

AC Input	100 to 240 VAC, 50-60 Hz, 0.9 A
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ECS4130-28T-DC

DC Input	36 V to 60 V, 2 A Max
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Regulatory Compliances

Emissions	EN 55032:2015+A11:2020 EN 61000-3-2:2014 EN 61000-3-3:2013+A1:2019 AS/NZS CISPR32 2015 A1: 2020 ICES-003 Issue 7 Class A FCC Part 15 subpart B Class A
Immunity	EN 55024:2010+A1:2015 EN 55035:2017+A11:2020 IEC 61000-4-2/3/4/5/6/8/11
Safety	UL (CSA 22.2 No 62368-1 & UL62368-1) CB (IEC/EN60950-1 & IEC/EN 62368-1)

Warranty Information and Technical Support

Registering your product enables you to receive a more efficient warranty service. Be sure to register at www.edge-core.com.