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## Overview

Cisco Catalyst IE3300 Rugged Series switches deliver high-speed up to 10 Gigabit Ethernet connectivity in a compact form factor, and are designed for a wide range of industrial applications where hardened products are required. The modular design of the Cisco Catalyst IE3300 Rugged Series offers the flexibility to expand to up to 26 ports of Gigabit Ethernet or up to 24 ports of Gigabit Ethernet and 2 ports of 10 Gigabit (10G) Ethernet with a range of expansion module options. The platform is built to withstand harsh environments in manufacturing, energy, transportation, mining, smart cities, and oil and gas. The IE3300 platform is also ideal for extended enterprise deployments in outdoor spaces, warehouses, and distribution centers.

## Quick Specification

Part Number	IE-3300-8P2S-E
Description	Catalyst IE3300 with 8 GE PoE+ and 2 GE SFP, Modular, Network Essentials
Total Ports	10
10/100/1000 RJ45 Copper ports	8
100/1000 SFP ports	2
Dimensions (H x W x D)	15.2 cm. x 9.1 cm. x 13.5 cm
DRAM	2 GB

## Product Details:

### The Front Panel:



## Features and Benefits

### Robust industrial design

- Built for harsh environments and temperature ranges (-40°C to +75°C)
- Fanless, convection-cooled with no moving parts for extended durability
- Hardened for vibration, shock and surge, and electrical noise immunity
- Complies with multi-industry specifications for automation, ITS, and substation environments
- Improves uptime, performance, and safety of industrial systems and equipment
- Covers a wide range of Power over Ethernet (PoE) (up to IEEE® 802.3bt type 4) application requirements
- Alarm I/O for monitoring and signaling to external equipment

### Full Gigabit Ethernet interfaces with 10G uplink variants

- Provides secure access for new high-speed applications in the industrial space
- There are two base system port configurations available: 2 ports of 1GE uplinks or 2 ports of 10G uplinks:

Packs up to 10 ports - 2x 10G Small Form-Factor Pluggable (SFP+) uplinks plus 8x 1GE copper RJ45 downlink ports (with IEEE® 802.3bt PoE or non-PoE) in a small form-factor base system

Packs up to 10 ports of GE - 2x 1GE Small Form-Factor Pluggable (SFP) uplinks plus 8x 1GE copper RJ45 downlink ports (with PoE+ or non PoE) in a small form-factor base system

- Expandable

to up to 26 ports of GE by attaching one of 8 compatible modules (copper, PoE, fiber and 2.5G with IEEE®E802.3bt type 4 options)

to up to 24 ports of GE plus 2 ports of 10G by attaching one of the 8 compatible modules (copper, PoE, fiber and 2.5G with IEEE®E802.3bt type 4 options)

- Connects high-speed wireless access points (802.11n, 802.11ac, 802.11ac WAVE 2, 802.11ax)
- Enables Ultra High-Definition (UHD), PTZ IP cameras, Programmable Logic Controllers (PLC) and Wi-Fi 6 Access Points
- Delivers multiple rings and redundant ring topologies for new network configurations
- Extends geographical scalability where longer-distance connectivity is required

High-density industrial Power over Ethernet (PoE)

•Supports

up to 24x PoE/PoE+ ports or 4x 802.3bt type 4 ports (with 2.5G expansion module) with the all GE PoE enabled base [Power budget - 360W]

up to 24x PoE/PoE+ ports or 8x "802.3bt type 3" ports or 4x "802.3bt type 4" ports with the 10G, PoE enabled system [Power budget – 480Watts]

•Controls costs by limiting wiring, distribution panels, and circuit breakers

•Reduces equipment needs, thus requiring less space and reducing heat dissipation

•Enables ready-to-use PoE devices, such as IP phones, cameras, and wireless access points

## Compare To Similar Items

Part Number	<a href="#">IE-3300-8T2S-E</a>	IE-3300-8T2S-A	<a href="#">IE-3300-8P2S-E</a>	IE-3300-8P2S-A
Product Description	Catalyst IE3300 with 8 GE Copper and 2 GE SFP, Modular, Network Essentials	Catalyst IE3300 with 8 GE Copper and 2 GE SFP, Modular, Network Advantage	Catalyst IE3300 with 8 GE PoE+ and 2 GE SFP, Modular, Network Essentials	Catalyst IE3300 with 8 GE PoE/PoE+ and 2 GE SFP, Modular, Network Advantage
Total ports	10	10	10	10
10/100/1000 RJ45 Copper ports	8	8	8	8
100/1000 SFP ports	2	2	2	2
Dimensions (H x W x D)	15.2 cm. x 9.1 cm. x 13.5 cm	15.2 cm. x 9.1 cm. x 13.5 cm	15.2 cm. x 9.1 cm. x 13.5 cm	15.2 cm. x 9.1 cm. x 13.5 cm
DRAM	2 GB	2 GB	2 GB	2 GB
PoE power budget	Not applicable	Not applicable	360W (including expansion module)	360W (including expansion module)

Get more information:

Do you have any question about the IE-3300-8P2S-E?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Description	Catalyst IE3300 with 8 GE PoE+ and 2 GE SFP, Modular, Network Essentials
Total ports	10
10/100/1000 RJ45 Copper ports	8
100/1000 SFP ports	2
PoE / PoE (+) budget	240W (base), 360W (with module)
Removable storage	USB, SD card
Alarms	2 alarms in, 1 alarm out
Console ports	1 RS-232 (via RJ-45), 1 USB Mini Type B

# IE-3300-8P2S-E Datasheet



Power inputs	Dual DC power inputs
Dimensions (H x W x D)	15.2 cm. x 9.1 cm. x 13.5 cm
Forwarding rate	Line rate for all ports and all packet sizes
Number of queues	8
Unicast MAC addresses	8K
Internet Group Management Protocol (IGMP) multicast groups	1K
No. of VLANs	256
IPv4 Indirect routes	2000
IPv6 Indirect routes	512
Spanning Tree Protocol (STP) instances	128
Access Control Entries (PACL/VACL/RACL)	3K
DRAM	2 GB
Flash [User Accessible]	1.5 GB
SD card capacity	4 GB
Jumbo Frames	8996 bytes



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