



IEM-3300-16P= DataSheet

IEM-3300-16P= provides 16×1G PoE+ RJ45 ports for Cisco IE3300/IE3400 switches. Ideal for high-density industrial PoE network expansion in rugged environments.

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IEM-3300-16P= Description

IEM-3300-16P is a high-density PoE+ expansion module designed for Cisco Catalyst IE3300 and IE3400 Rugged Series switches. It provides 16 Gigabit Ethernet PoE/PoE+ RJ45 ports, enabling scalable power and data delivery to industrial devices like IP cameras, phones, and wireless access points. This robust module is purpose-built for harsh industrial environments, ensuring high bandwidth, reliable PoE, and seamless integration. The IEM-3300-16P supports modular network expansion for applications in smart manufacturing, energy, transportation, and more. Choose this official Cisco module for secure, industrial-grade PoE expansion on your IE3300 or IE3400 deployment.

Product Highlights

Total Ports
Ports Type
Power Consumption

Quick Specs

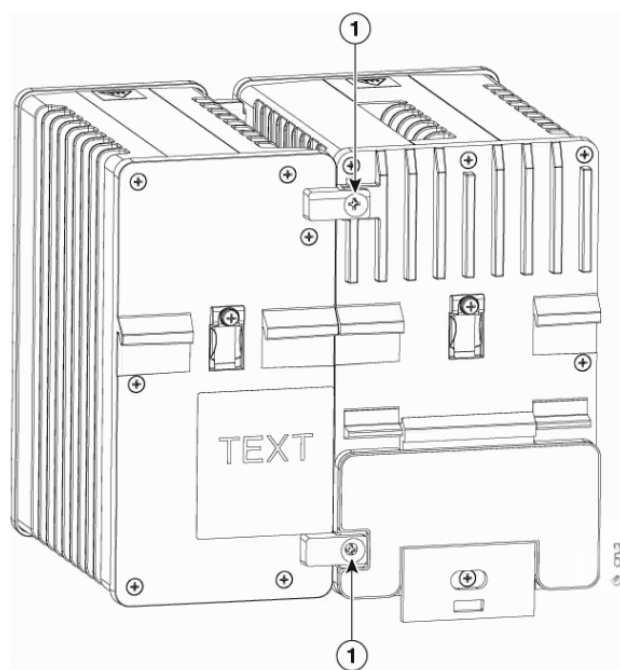
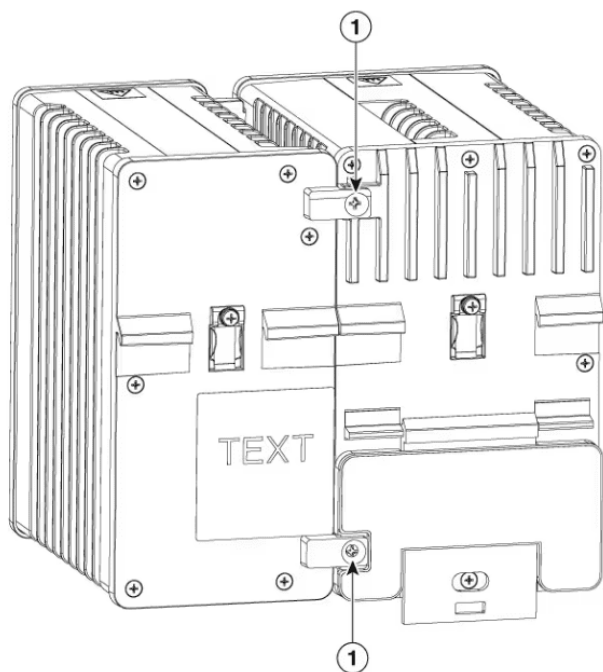
Parameter	Value
Ports	16 × 1G PoE+ RJ45

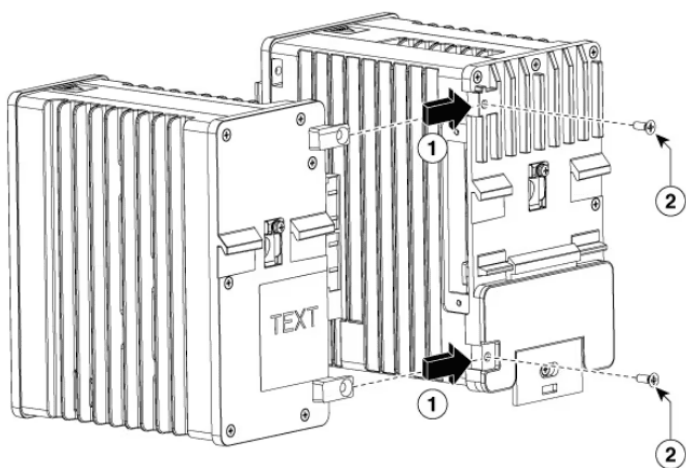
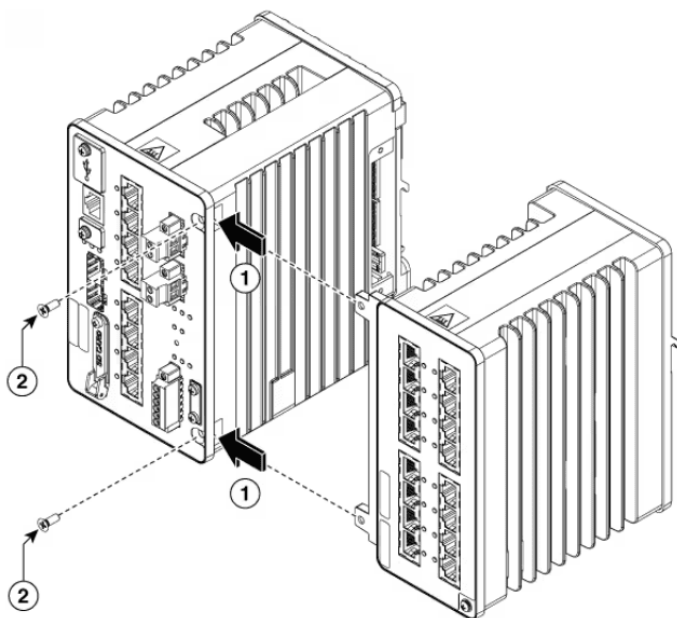
Module Type	Expansion Module
Use with	IE3300/IE3400
Power Consumption	21W

Rugged Industrial Ethernet Switch Product Comparison

Feature / Model	IEM-3300-16P=	IEM-3300-8P=	IEM-3300-16T=
Ports	16 × 1G PoE+ RJ45	8 × 1G PoE+ RJ45	16 × 1G RJ45
Supported Series	IE3300/IE3400	IE3300/IE3400	IE3300/IE3400
PoE Support	Yes (IEEE 802.3at)	Yes	No
Max Power Budget	480W (with PoE base)	360W (with base)	N/A
Power Consumption	21W	14W	12W
Dimensions (mm)	152×91×135	152×66×135	152×91×135
Weight (kg)	1.2	0.91	1.2
Mounting	DIN Rail	DIN Rail	DIN Rail
Multi-Gigabit	No	No	No

Rugged Industrial Switch 3300 Attaching an Expansion Module Guide





Step 1:

Remove the 2 screws securing the side cover plate to the switch.

Step 2:

Remove the two screws from the front of the Expansion chassis, and the two screws from the rear of the base.

Step 3:

Align tabs on top and bottom left front of expansion module with slots on top and bottom right side of switch along with tabs on top and bottom left rear of module and holes at top and bottom right rear of switch. Press the module and switch together so that the electrical connections engage and the screw holes are aligned.

Step 4:

Secure the 4 flathead Phillips screws with 5–6 in-lbs torque.

Specification

Parameter	Specification	Parameter	Specification
Module Type	Expansion Module	Model	IEM-3300-16P=
Compatible Series	Cisco Catalyst IE3300/IE3400	Supported Base	IE3300, IE3400 (PoE Base)
Port Count	16	Port Type	1G PoE/PoE+ RJ45
PoE Support	Yes (IEEE 802.3at)	Max PoE Power Budget	480W (with PoE base)
Power Consumption	21W (module only)	Hot Swap	Supported
Installation	Tool-less, DIN Rail	Operating Temp.	-40°C to +75°C
Dimensions (H×W×D)	6 in. × 3.6 in. × 5.3 in. 152 mm × 91 mm × 135 mm	Weight	2.7 lbs (1.2 kg)
Mounting	DIN Rail	Environmental	Industrial Hardened
Compliance	IEC 61000, EN 61000, CE, UL		
Use Case	High-density PoE Expansion		

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