

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

ISR4351/K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	ISR4351/K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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ISR4351/K9 Datasheet



The Cisco ISR4351/K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the ISR4351/K9 and integrate it into enterprise or service provider networks with confidence.

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Key Features

Scalable Branch Performance

Delivers **200-400 Mbps aggregate throughput**, ensuring smooth growth for branch WAN, VPN, and cloud workloads without forklift upgrades.

Rich Modularity

Supports **3x NIM and 1x SM-X slots**, enabling integration of WAN optimization, security, LTE/xDSL, or switching modules tailored to diverse branch requirements.

Advanced Unified Communications

With **PVDM4 DSPs** and voice NIMs, it provides SRST, conferencing, and transcoding, ensuring branch survivability and high-quality voice services.

Integrated Security

Offers hardware-accelerated VPN and policy-based segmentation, essential for hybrid cloud, SD-WAN, and compliance-driven industries.

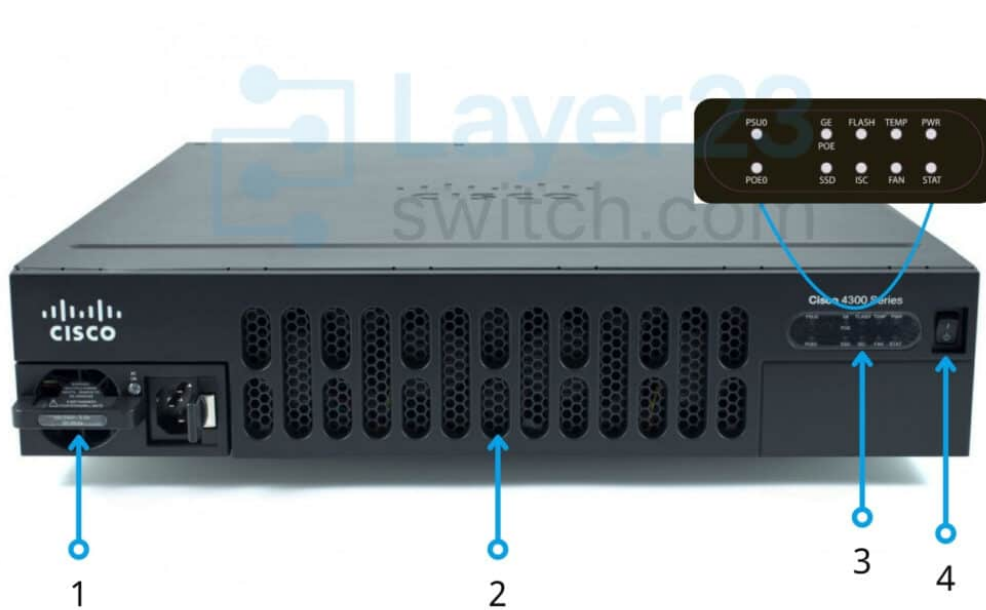
High PoE Capacity

Up to **500 W PoE budget** when combined with PoE-capable EtherSwitch NIM/SM-X modules, allowing direct powering of IP phones, wireless access points, and surveillance cameras.

Enterprise-Grade Reliability

Built with field-replaceable PSUs, robust thermal management, and Cisco IOS XE software for long-term, stable branch operations.

Front View

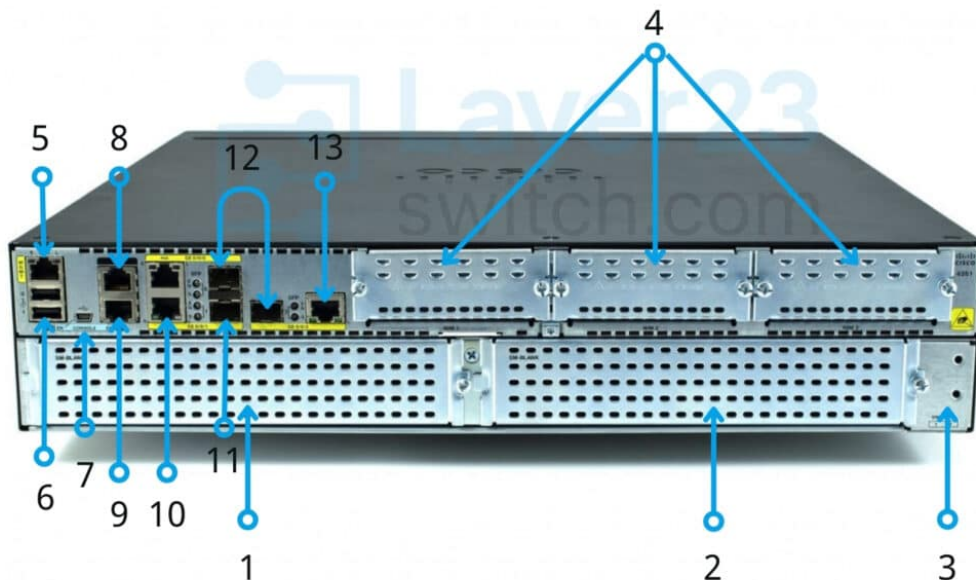


1	Power supply unit	2	Router fan tray (hidden behind the removable bezel)
3	LEDs	4	Router power On/Off switch

Rear View

1	Enhanced Service Module (SM-X) slot	2	Enhanced Service Module (SM-X) slot
3	Ground connection	4	NIM slots
5	GE management port	6	USB Type A port
7	USB Type B mini port	8	Auxiliary port
9	Console port	10	RJ-45 port (GE 0/0/0, GE 0/0/1)

11	SFP port (GE 0/0/0, GE 0/0/1, GE 0/0/2)	12	RJ-45 port (GE/0/0/2)
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Specification

Parameter	Specification	Parameter	Specification
Model	ISR4351 (Cisco 4000 Series ISR)	Form Factor	2RU rack-mount
GE Data Ports	3 × 10/100/1000 (2 × RJ-45/SFP combo + 1 × RJ-45)	Dedicated Mgmt	Integrated management via front-panel GE
NIM Slots	3 (single-wide; double-wide supported per divider)	SM-X Slot	1 (Enhanced Service Module)
ISC / PVDM4	1 ISC bay for PVDM4 DSP modules	USB Ports	USB 2.0 Type-A (storage), mini-USB console
Console / AUX	RJ-45 console and RJ-45 auxiliary	OS	Cisco IOS XE
Default / Max DRAM	4 GB / 16 GB	Default / Max Flash	4 GB / 16 GB
Aggregate Throughput	200–400 Mbps (licensed)	Encryption Capability	Hardware-accelerated (license dependent)

Parameter	Specification	Parameter	Specification
WAN/LAN via Modules	Provided through NIM/SM-X (T1/E1, Serial, xDSL, LTE, L2/L3 Switch)	SFP Support	100/1000-Mb SFPs on combo ports
Power Supply	AC PSU (default); DC PSU option	Max PoE Budget	Up to 500 W with PoE-capable PSU & modules
Cooling	Integrated fans with smart control	Operating Temp	0–40 °C (32–104 °F)
Operating Humidity	10%–90% non-condensing	Altitude (Operating)	-500 to 10,000 ft
Dimensions (HxWxD)	~3.5 × 17.25 × 17.5 in (2RU height)	Weight	~18.5 lb (8.4 kg)
Compliance	Safety: IEC/EN/UL 60950-1/62368-1; EMC: CISPR 22/24 Class A (region dependent)	Mounting	19-inch EIA rack; optional accessories available
Licensing	Performance, Security, UC, AppX (Smart Licensing)	Typical Roles	Branch WAN/Internet gateway, UC gateway, converged services

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