RIS2000-8GP-2FM

INDUSTRIAL SWITCH



The 8-Port Gigabit Industrial Managed POE Switch is a high-performance, rugged networking device designed for harsh environments. It features 8× 10/100/1000BASE-T POE+ ports and 2× Gigabit SFP slots, providing flexible fiber or copper uplink options. With advanced management capabilities, robust Layer 2 features, and IEEE 802.3at/af POE+ support (up to 30W per port), this switch is ideal for industrial automation, surveillance, and outdoor deployments.can be widely used in intelligent transportation, telecommunications, security, financial securities, customs and other broadband data transmission fields.

- Operating temperature range (-40°C to 75°C), metal housing, and DIN-rail mounting for harsh conditions
- IP30 protection and 4kV surge resistance (EN61000-6-2 certified)
- 8x Gigabit POE+ ports (30W per port, 240W total budget)
- 2xSFP slots for fiber/cable uplinks (1.25Gbps)
- Layer 2 features: VLAN, QoS, IGMP snooping, LACP, and STP/RSTP for redundancy
- CLI, Web GUI, and SNMP support for remote configuration
- Loop detection, port mirroring, and storm control
- IEEE 802.1X authentication and ACL for network security
- Perfect for IP cameras, wireless APs, factory automation, and smart transportation

model	RIS2000-8GP-2FM
interface	8*10/100/1000Mpps RJ45 Ports 2*1000Mpps SFP Slots 1 Console Port
standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at
indicator	PWR, LNK/ACT, PoE, SYS
network_media	10BASE-T: UTP category 3,4,5 cable（≤100m） 100BASE-TX: UTP category 5, 5e cable（≤100m） 1000BASE-T: UTP category 5e, 5 cable（≤100m） 1000BASE-X: MMF, SMF

mac_address_table	8K, Auto-learning, Auto-updating
jumbo_frame	9216Bytes
packet_buffer	4.1Mbit
transfer_mode	Store-and-forward
switching_capacity	20Gbps
packet_forward_speed	14.88Mpps
poe_port	Port1~8
input_power_supply	DC:48-57V
poe_power_output	30W（MAX）
poe_power_on_rj45	Mode A 1/2（-），3/6（+）
poe_power_budget	120W
power_supply	more than 120W
fan_quantity	Fanless
operating_temperature	-40°C ~ 75 °C
storage_temperature	-40 °C ~ 80 °C
operating_humidity	5% ~ 95% non-condensing
storage_humidity	0% ~ 95% non-condensing
surge_protection	Differential mode ±2KV Common mode ±6KV
electrostatic_standard	Contact ±6KV , Air ±8KV
mtbf	>100000 hour
green_energy_saving	Support IEEE 802.3az