

RG-ES207GS-AC-OD

Ruijie Reyee Outdoor 7-port Gigabit Outdoor Smart Managed PoE Switch

Product Overview

Ruijie Reyee Outdoor 7-port Gigabit Outdoor Smart Managed PoE Switch, RG-ES207GS-AC-OD, 4x Gigabit RJ45 Ports with PoE+ support and a 60W Power budget, 2 x 1G SFP Optical Ports for Fiber Uplink or ERPS Ring topologies, Switching capacity of 14 Gbps with a forwarding rate of 10.42 Mpps, IP65 Weatherproof and IK10 Vandal-proof enclosure, Accepts direct AC Power Input between 100V and 240V via internal Terminal Block





Specifications

Overview Summary:

Upgrade your outdoor security infrastructure with the Ruijie Reyee RG-ES207GS-AC-OD, a rugged 7-port Gigabit smart managed PoE switch built to withstand South Africa's diverse climates. This all-in-one unit combines switching, power supply, and surge protection in an IP65 weatherproof enclosure, eliminating the need for external cabinets or adapters while ensuring reliable connectivity for your CCTV cameras and access points.

Say goodbye to complex installations with direct AC power input and advanced features like ERPS fiber ring topology support. Whether you are securing a commercial park or expanding a residential perimeter, this switch delivers 60W of PoE power across four ports alongside two SFP uplinks for long-distance data transmission. Secure your network today by buying now from our store.

Performance tier:Professional Grade

Uses:Outdoor security camera networks, perimeter surveillance, pole-mounted access points, fiber backhaul connections, smart building infrastructure

Overview:

The Ruijie Reyee Outdoor 7-Port Gigabit Smart Managed PoE Switch (RG-ES207GS-AC-OD) is a robust networking solution engineered specifically for the rigors of outdoor environments. This all-in-one unit seamlessly integrates a managed switch, AC power supply, surge protection, and an IP65 weatherproof enclosure into a single rugged housing. By eliminating the need for external waterproof cabinets or separate power adapters, it simplifies installation for IP surveillance systems and harsh environment networking where reliability is paramount.

Description:

This high-performance switch combines five Gigabit Ethernet ports with two SFP optical uplinks to deliver versatile connectivity options. With a total PoE budget of 60W supporting the 802.3af/at standards, it powers multiple security cameras and wireless access points directly from the wall. The internal AC terminal allows for direct connection to standard power sources, while built-in surge protection shields connected hardware against lightning strikes and voltage spikes.

The device is designed for ease of use and remote management through the Ruijie Cloud platform, allowing administrators to monitor network topology, reboot specific ports, and manage devices via a free mobile app or web console. Its smart PoE watchdog feature automatically detects offline cameras and power-cycles them to restore connectivity without manual

intervention.

Features:

Key Features:

- 4-in-1 integrated design unifies the switch board, AC power module, junction box, and surge protection in one unit.
- IP65 weatherproof housing ensures full dust protection and resistance against water jets from any direction.
- Four Gigabit RJ45 ports support PoE and PoE+ standards with a combined 60W power budget for connected devices.
- Two SFP optical ports enable long-distance fiber uplinks or ERPS ring topologies for enhanced network resilience.
- Direct AC power input accepts 100V-240V standard mains power without requiring external bricks.
- Built-in +/-8 kV surge protection safeguards sensitive equipment against electrical storms and spikes.
- PoE watchdog technology automatically reboots frozen or offline IP cameras to ensure continuous operation.
- Cloud-based management via Ruijie Cloud app allows for remote monitoring and configuration from anywhere.

This switch is ideal for outdoor CCTV installations, pole-mounted perimeter security systems, commercial park surveillance, and Wi-Fi access point backhaul where direct power and fiber connectivity are required. The unit supports wall or pole mounting and operates reliably in temperatures ranging from -30degrees C to +65degreesC.

What's in the box

- Ruijie Reyee RG-ES207GS-AC-OD Outdoor Switch Unit
- Mounting kit for wall or pole installation
- User manual and quick start guide

The model number for this device is RG-ES207GS-AC-OD. It offers a switching capacity of 14 Gbps with a forwarding rate of 10.42 Mpps, ensuring smooth data transmission even under heavy load.

Technical Specifications:

- Total Ports: 7 (5 x Gigabit RJ45 including PoE ports and 2 x 1GE SFP)
- PoE Output: 4 ports supporting 802.3af/at with a total budget of 60W
- Switching Layer: Layer 2 managed switch with ERPS support
- Ingress Protection: IP65 and IK10 vandal-proof rating
- Surge Protection: +/-8 kV on PoE ports
- Power Input: 100-240 V AC direct via internal terminal block
- MAC Address Table: 4K entries for robust network management
- Dimensions: 270 x 200 x 75 mm
- Weight: 1.74 kg

The unit features a padlock hole for physical security and supports cloud-based management for lifetime free remote access. It is designed to handle the demanding requirements of modern outdoor networks without the bulk of traditional networking enclosures.

Specifications:

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Specifications		
Product Code	RG-ES207GS-AC-OD	

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Product Specification Sheet

Key specifications	
SKU	RG-ES207GS-AC-OD
RJ45 ports	5
RJ45 port speed	1 Gbps
PoE ports	4
PoE budget	60 W
PoE standard	PoE+ (802.3at)
SFP ports (1G)	2
Fastest port	1 Gbps
Managed	Yes
Switching layer	Layer 2
Details	
Product type	7-port Gigabit outdoor smart cloud-managed PoE+ switch with 2 x SFP
Ethernet ports	5 x 10/100/1000 RJ45 (ports 1-4 PoE/PoE+)
PoE	Ports 1-4: 802.3af/at, 60 W total
SFP ports	2 x 1G SFP
Switching capacity	14 Gbps
Forwarding rate	10.42 Mpps
Management	Ruijie Cloud (lifetime free) app, web UI
MAC address table	4K entries
Other	4-in-1 outdoor unit (switch, AC power, junction box, surge protection) , PoE watchdog (auto-reboots cameras) , padlock hole
Surge protection	+/-8 kV on PoE ports
Layer 2 features	ERPS
Power	
Power consumption	<= 74 W max
Power supply	100-240 V AC direct, internal terminal block
Physical and environment	
Mounting	Wall or pole
Operating temperature	-30 to +65 degreesC
Weight	1.74 kg
Dimensions	270 x 200 x 75 mm
Enclosure	IP65 , IK10 vandal-proof

FAQ

Does this switch require an external power adapter or weatherproof box?

The Ruijie Reyee RG-ES207GS-AC-OD is a 4-in-1 integrated unit that includes the switch, AC power supply, junction box, and surge protection in one rugged housing. It accepts standard 100V to 240V AC directly via an internal terminal, eliminating the

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Product Specification Sheet

need for external power bricks or separate waterproof cabinets.

How many cameras can I connect with PoE on this device?

This switch features 4 Gigabit RJ45 ports that support PoE/PoE+ (802.3af/at), delivering a total power budget of 60W. This allows you to power and connect up to four IP cameras or wireless access points simultaneously, with the remaining three ports available for data-only connections.

Can this switch operate in extreme weather conditions?

Yes, the unit is designed for harsh environments with an IP65 weatherproof rating that makes it fully dustproof and water-jet resistant. It features a robust operating temperature range from -30degrees C to +65degrees C and includes built-in +/-8 kV surge protection to shield connected hardware against lightning strikes.

Is remote management available for monitoring network issues?

Absolutely, the switch supports Ruijie Cloud Management via a free mobile app or web console. This allows you to remotely monitor network topology, reboot specific ports, and utilize the Smart CCTV Healing feature which automatically detects offline cameras and power-cycles them to restore connectivity.

Does this model support long-distance fiber connections?

The device includes two 1GE SFP optical ports specifically designed for fiber uplinks or ERPS ring topologies. These ports enable high-reliability connectivity over longer distances and provide fast-healing capabilities for your network infrastructure.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/RG-ES207GS-AC-OD-Ruijie-Reyee-Outdoor-7-port-Gigabit-Buy-p-341595.php>

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