



Product Name	GAOTek Internet Embedded Ethernet Switch
Product SKU	GAOTek-ESR-136
Product URL	https://gaotek.com/product/gaotek-internet-embedded-ethernet-switch/

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Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experience.



CONTENTS

Introduction.....	3
Specifications.....	3
Features.....	6



GAOTek Internet Embedded Ethernet Switch

1. INTRODUCTION:

This HT-GS208F switch provides a network point for data transmission. All 8 ports can be connected with 10/100/1000Mps quickly, and the uplink port is a 1.25Gbps fiber interface. The switch features a simple and reliable design, automatic identification of Ethernet requirements, duplex, and high speed.

2. TECHNICAL SPECIFICATIONS:

Hardware	
Product Name	8 Port Managed Switch
Product Model	HT-GS208F
Interface	8*10/100/1000M POE ports + 2 GAOTek SFP ports + 1 Console port
Optical	Number of interfaces: 2 Connector: LC by default, SC optional Wave length: Depend on SFP ports
Electrical ports	Number of interface: 8 Connector: RJ45 Rate: 10/100/1000M
Bandwidth:	20Gbps (non-blocking)
Packet Buffer Memory:	4M
MAC	8K
Flash	16M
MTBF:	100,000 hours
Memory Capacity	1G
Switching	Store & Forward
Transmission mode	Half/Full Duplex

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Working temperature	-20°C~50°C
Storage temperature	-40°C~85°C
Layer 2 Software Function	
Port Management	Enable/Disable Port
	Speed、 Duplex、 MTU Setting
	Flow-control
	Port Information Check
Port Mirroring	Supports both side-way port mirroring
Port Speed Limit	Supports port-based input/output bandwidth management
Port Isolation	Support the downlink port isolation, and can communicate with the uplink port
Storm Suppression	Supports unknown unicast, multicast, unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth regulation and storm filtering
Link Aggregation	Support static manual aggregation
	Support LACP dynamic aggregation
VLAN	Access
	Trunk
	Hybrid
	Support port, protocol, MAC-based VLAN partitioning
	Support GVRP dynamic VLAN registration
	Voice VLAN
MAC	Support static addition, deletion
	MAC address learning limit
	Support dynamic aging time setting
Spanning tree	Support STP spanning tree protocol
	Supports RSTP Rapid Spanning Tree Protocol
	Supports MSTP Rapid Spanning Tree Protocol
Multicast	Support static addition, deletion
	IGMP-snooping
	Support MLD-Snooping
	Support v1/2/3 dynamic multicast monitor



DDM	Support SFP/SFP+DDM
Extended Function	
ACL	Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port
Qos	Based on 802.1p (COS) classification
	Based on DSCP classification
	Classification based on source IP, destination IP, and port number
	Support SP, WRR scheduling strategy
	Support flow rate limit CAR
LLDP	Support LLDP link discovery protocol
User settings	Add/delete users
Log	User login, operation, status, events
Anti-attack	DOS defense
	Support CPU protection and limits the rate of sending cpu packets
	ARP binding (IP, MAC, PORT binding)
Certification	Support 802.1x port authentication
	Support AAA certification
Network diagnosis	Support ping, telnet, trace
System Management	Device reset, configuration save/restore, upgrade management, time setting, etc.



Management function	
CLI	Support serial port command line management
SSH	Support SSHv1/2 remote management
TELNET	Support telnet remote management
WEB	Support Layer 2 settings, Layer 2 and Layer 3 monitor
SNMP	SNMP V1/V2/V3
	Support trap: ColdStart、WarmStart、LinkDown、LinkUp
RMON	Support RMON v1
POE	NON
Other functions	Support DHCP Snooping、Option82
	Support dynamic ARP detection
	Support TACACS+ certification
	Support DNS certification
	Support port security settings
	Support MVR protocol
	Support cable detection VCT function
Support UDLD protocol	

3. FEATURES

1. Can transfer data for network surveillance cameras.
2. 8x 1000Mbps LAN ports, 2x 10/100/1000M SFP ports, 1X Console port.
3. Supports port auto-flip (Auto MDI/ MDIX).
4. Uplink port: 1.25Gbps fiber interface.
5. Adopts store-and-forward architecture.
6. Features with Fan less, natural cooling, small, compact and quiet design, suitable for desktop or wall mounting.
7. Built-in 1U rack power supply series, easy to place it into standard mounting brackets.
8. Optic fiber module is not included, can be ordered separately.
9. Remote Web interface for Switch management.