Simply Better Connections

ES0152P

52-Port GbE PoE Managed Switch



The ES0152P is a feature-rich managed switch for ATEN KE series KVM over IP extenders and VE89 series Video over IP extenders. Ideal for installation in combination with the KE / VE89 series products, the ES0152P helps users build their OT infrastructure with the KE series by eliminating the hassles of complicated setup.

Deploying the ES0152P is fast and easy. With everything plug and play, there is no need to install software or configure devices. Simply connect the KE / VE89 transmitters and receivers to the ES0152P using Cat 5e/6 cables and all KE / VE89 series devices on the same LAN will automatically be detected.

The ES0152P network switch provides a 52-port, high-performance configuration, a complete array of L2 features and advanced functionalities including Layer 3 static route, DHCP server, IPv6 support and LLDP, delivering a versatile solution for improving network performance.

The ES0152P offers a combination of SFP+ (fiber) and RJ45 (copper) ports for servicing a range of network needs. It supports 4 (1G/10G) SFP+ and 48 (10M/100M/1G) RJ45 with PoE+ (Support 802.3at/af) ports. Featuring Power over Ethernet (PoE) function, the ES0152P can provide up to 740 Watts power budget across 48 RJ45 ports thus eliminating the need for a power adapter and effectively reducing the power configuration cost.

The ES0152P comes with embedded DMS functions to facilitate device management anytime and anywhere. Its intuitive, user-friendly interface enables IT administrators to set up and manage their networks and all the connected KE / VE89 devices effortlessly. It also has comprehensive security features such as IP source guard and ACL to guard your network from unauthorized access.

With a full range of functions to help with optimizing network efficiency, manageability and reliability for their network environment, the ES0152P is an ideal network switch solution for SMBs and enterprises, and even more so for those that have chosen to adopt ATEN KE series KVM over IP extenders or VE89 series Video over IP extenders into their OT infrastructure.

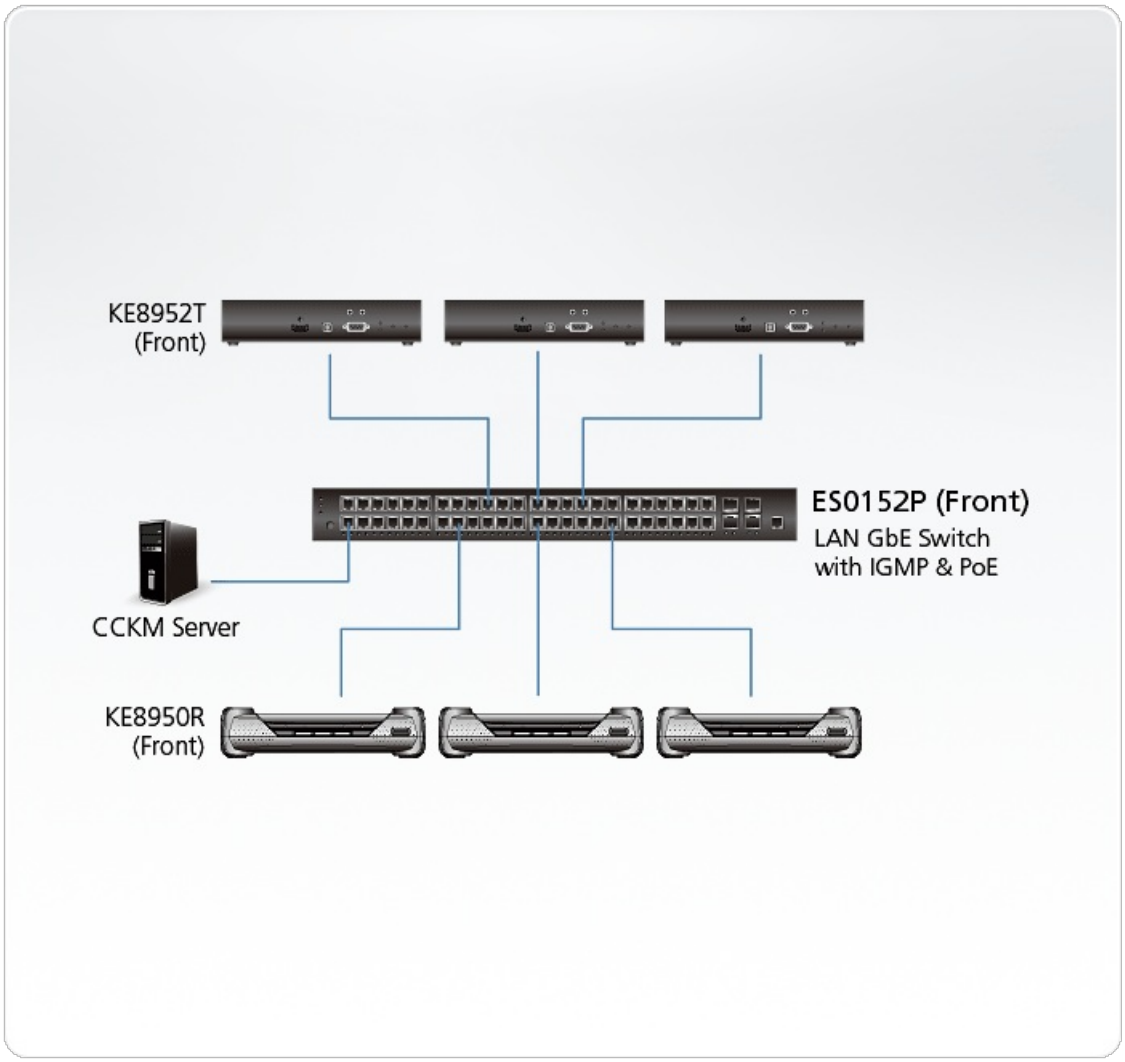
Features

- Auto detects KE/VE89 series devices
- Plug-and-play without additional settings
- Supports IGMP Snooping Fast Leave
- Supports Flow Control
- Supports IGMP v1/v2/v3 Snooping and IGMP v1/v2 Querier
- Supports 48 Gigabit Ethernet ports and 4 SFP+ uplink ports (10Gbps)
- High-performance Gigabit Ethernet L2 access switch with 176 Gbps switching capacity - significantly improve the responsiveness of applications and file transfer times
- Built in Device Management System (DMS) to provide an overview of all connected KE/VE89 devices for management
- Supports IEEE 802.1w Rapid Spanning Tree Protocol – ensuring a faster recovery from failed links and enhancing overall network stability and reliability
- Comprehensive QoS – allowing the marking, classification, and scheduling of up to four traffic types across the network
- Enhanced Security - Port Security limits the total number of devices using a switch port and protects against MAC flooding attacks
- IPv4/IPv6 Management
- 802.3af PoE/ 802.3at PoE+ Port configuration and scheduling

Specifications

Connectors	
RJ-45 10/100/1000 Ports	48
SFP+ Uplink Ports	4
Console Ports	1 x RJ45
Performance	
Switching Capacity	176 Gbps
Forwarding Rate	130.95 Mpps
Jumbo Frames	10240 Bytes
Maximum Input Power Rating	100-240V AC,50-60Hz
Power Consumption	AC110V:885.4W:3021BTU AC220V:858.1W:2931BTU
Power over Ethernet (PoE)	
Standard compliance	802.3af PoE / 802.3at PoE+
Number of Ports That Support PoE/PoE+	48
Max. PoE Power budget per port	PoE : 15.4W/ PoE+: 30.0W
Total PoE Power budget	740W
Environmental	
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	10–90% RH, Non-condensing
Physical Properties	
Rack Space	19"
Housing	Metal
Weight	5.60 kg (12.33 lb)
Dimensions (L x W x H)	44.20 x 37.50 x 4.40 cm (17.4 x 14.76 x 1.73 in.)
Carton Lot	2 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



ATEN International Co., Ltd.
3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com

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