

10 to 48 Port 1GbE Full Managed Network Switch for Efficient and Powerful Performance

Reliable and powerful, the VSS-ALE series enables a highly effective edge network switch solution with up to 48 gigabit RJ45 ports. PoE+ budgets from 120W to 780W are available to power a variety of network devices. Optimized to provide a scalable and adaptable solution, this network switch allows for small to midrange networks to run flawlessly. Layer 2 functionalities enable smaller projects to function with high performance.

Provisioning Assistant Application

One of the biggest obstacles security integrators face when deploying Layer 2 and Layer 3 high availability network infrastructures is restricted resources, whether it's because they don't have a large volume of network infrastructure or lack the network engineers needed to deploy these types of environments. As a result, security integrators can only take on a limited number of projects, in turn affecting their bottom line.

The Provisioning Assistant Application can simplify the delivery of your security infrastructure by optimizing and automating the deployment of Layer 2 and Layer 3 high availability network infrastructures—all from a smartphone or tablet.



KEY FEATURES

- Up to 48 Total Gigabit Ports
- 154Mp/s Switch Frame Rate and 104Gb/s Switching Capacity
- Up to 780W of PoE power greater network stability



Up to 48 Total Gigabit Ports



**3-Year, On-site, Next Business Day,
Keep Your Hard Drive Warranty**



Up to 780W of PoE power

FOR MORE INFORMATION

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TECH SUPPORT

support@videoappliances.com

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SYSTEM	
Maximum Number of Ports	Up to (48) 1GbE PoE Ports and (4) 1G/10G SFP+ uplink ports
Max PoE Budget	120W (8 Port), 380W (24 Port), 780W (48 Port)
Total MAC Addresses	16,000
IPv4/IPv6 Routes	8 / 4
IPv4/IPv6 Interfaces	8 / 4
Max Switch Frame Rate	154Mp/s
Max Switching Capacity	104Gb/s
Warranty	3-Year, 24/7 Support with Advanced Next-Day Replacement
MECHANICAL	
Form Factor	Small Form or 1U Rackmount
Input Power	(1) Internal 150W 100-240VAC (10 Port Models) (1) Internal 525W 100-240VAC (24 Port Models) (1) Internal 900W 100-240VAC (48 Port Models)
Heat Dissipation	Up to 2661 BTU/h
Operating Temperature	(Min) 32°F - (Max) 113°F [(Min) 0°C - (Max) 45°C]
Operating Humidity	5 ~ 95% Non-condensing
Max. Dimensions (WxDxH)	19" x 15.2" x 1.73" (482.6mm x 386mm x 44mm)
Max. Weight	15 lbs (6.8 kg)
Regulatory	UL 60950-1 (United States) CAN/CSA-C22.2 No.60950-1-07 (Canada) EN 60950-1 (European Union) IEC 60950-1 (International) CCC (China PRC – CCC Power Supplies) BIS (India – BIS Power Supplies) FCC CFR 47 Part 15 Subpart B Class A (United States) ICES/NMB-003 Class A (Canada) EN 55022/EN 55032:2012 Class A (EU) AS/NZS CISPR 22/CISPR 32 Class A (Australia/New Zealand) VCCI Class A (Japan) KN 22/KN 32 Class A (S. Korea) CNS 13438 Class A (Taiwan) EN 61000-3-2 (EU) EN 61000-3-3 (EU) EN 55024 (EU) KN 24/KN 35 (S. Korea) The RoHS Directive (2011/65/EU) The WEEE Directive (2012/19/EU) The REACH Directive (EC/1907/2006) The Batteries Directive (2006/66/EC) Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC – PSU only), European Union (CE), Japan (VCCI), South Korea (MSIP), Taiwan (BSMI), United States (FCC/UL)
IEEE Standards	IEEE 802.1D (STP), IEEE 802.1p (CoS), IEEE 802.1Q (VLANs), IEEE 802.1s (MSTP), IEEE 802.1w (RSTP), IEEE 802.1X (Port-Based Network Access Protocol), IEEE 802.3i (10Base-T), IEEE 802.3u (Fast Ethernet), IEEE 802.3x (Flow Control), IEEE 802.3z (Gigabit Ethernet), IEEE 802.3ab (1000Base-T), IEEE 802.3ac (VLAN Tagging), IEEE 802.3ad (Link Aggregation), IEEE 802.3af (Power-over-Ethernet), IEEE 802.3at (Power-over-Ethernet), IEEE 802.3az (Energy Efficient Ethernet)

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