VSS VIDEO STORAGE SOLUTIONS

VSS Series VSS-ALE-24F

1U 1GbE RJ45 PoE Layer 2 Network Switches

Professional 24 Port Fiber Switch with Features for Critical Projects

Reliable and powerful, the VSS-ALE-24F enables a highly effective edge or core network switch solution with up to 48 1GbE RJ45 ports or 24 1GbE SFP+ ports. A 780W PoE budget is 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. Advanced Layer 2 and basic Layer 3 functionalities enable smaller projects to use top of the line features.

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 24 Total Gigabit Ports
- 131Mp/s Switch Frame Rate and 176Gb/s Switching Capacity
- Up to 780W of PoE power greater network stability

Up to 24 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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+1.888.305.4993

TECH SUPPORT

support@videoappliances.com

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1U 1GbE RJ45 PoE Layer 2 Network Switches

SYSTEM	
Maximum Number of Ports	(24) 1GbE PoE Ports and (2) 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	256
IPv4/IPv6 Interfaces	128
Max Switch Frame Rate	131Mp/s
Max Switching Capacity	176Gb/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 (8 Port PoE Models) (1) Internal 525W | 100-240VAC (24 Port PoE Models) (1) Internal 900W | 100-240VAC (48 Port PoE Models) Up to (2) Internal 90W | 100-240VAC (BCD-ALE-6450-24F)
Heat Dissipation	Up to 2663 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	47 CRF FCC Part 15: 2015 Subpart B (Class A) VCCI (Class A limits. Note: Class A with UTP cables) ICES–003:2012 Issue 5, Class A AS/NZS 3548 (Class A) - C-Tick AS/NZS 3548 (Class A limits. Note: Class A with UTP cables) CE-Mark: Marking for European countries (Class A limits. Note: Class A with UTP cables) EN 50581: Standard for technical documentation for RoHS recast EN 55022 (EMI and EMC requirement) EN 55024: 2010 (ITE Immunity characteristics) EN 61000-3-2 (Limits for harmonic current emissions) EN 61000-3-3 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11 IEEE802.3: Hi-Pot Test (2250 VDC on all Ethernet ports)
IEEE Standards	IEEE 802.1D (STP) IEEE 802.1p (CoS) IEEE 802.1Q (VLANs) IEEE 802.1ad (Provider Bridge) Q-in-Q (VLAN stacking) 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 Eth-ernet) IEEE 802.3ab (1000Base-T) IEEE 802.3ac (VLAN Tagging) IEEE 802.3ad (Link Aggregation) IEEE 802.3ae (10 Gigabit Ethernet) IEEE 802.3af (Power-over-Ethernet) IEEE 802.3at (Power-over-Ethernet) IEEE 802.3az (Energy Efficient Ethernet)

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