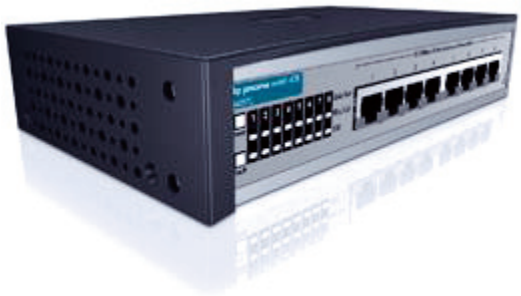

HP V408 Switch

Data sheet

Product overview

The HP V408 Switch is a compact, unmanaged 8-port 10/100 switch that offers half-/full-duplex 10/100 auto-sensing on every port and Auto-MDIX on all ports for easy expansion. It is ideal for building small networks or connecting peripherals with any combination of 10 Mb and 100 Mb devices.

Key features

- Unmanaged plug-and-play operation
- 8 10/100 ports
- Compact and quiet fanless design
- Industry-leading warranty

Features and benefits

Connectivity

- **Auto-sensing:** 10/100 auto-sensing per port automatically detects and sets the speed for any 10Base-T or 100Base-TX device
- **Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 ports

Performance

- **Switch design:** delivers dedicated bandwidth to each device and uses segmentation to improve network utilization
- **Auto-negotiation:** half-/full-duplex auto-negotiation on every port automatically doubles the throughput to each device, up to 200 Mbps

Ease of use

- **Flow control:** helps ensure reliable communications during full-duplex operation
- **Unmanaged:** provides plug-and-play simplicity
- **LED display:** comprehensive LED display with per-port indicators allows monitoring of status and activity of every port at a glance
- **Automatic polarity correction:** helps find and fix common cabling problems
- **Compact:** small footprint allows multiple mounting configurations on a flat surface, side by side, or in a standard rack

Warranty and support

- **Lifetime warranty:** for as long as you own the product with advance replacement and next-business-day delivery (available in most countries)*
- **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to www.hp.com/networking/warranty for details on the support provided and the period during which support is available

*Hardware warranty replacement for as long as you own the product, with next business day advance replacement (available in most countries) with a five-year hardware warranty replacement for the disk drive included with HP AllianceONE Services zl Module, HP Threat Management Services zl Module, HP PCM+ Agent with AllianceONE Services zl Module, and HP E-MSM765 zl Mobility Controller. For details, refer to the HP Software License, Warranty, and Support booklet at www.hp.com/networking/warranty.

HP V408 Switch

Specifications

HP V408 Switch (J4097C)

Ports	8 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Media Type: Auto-MDIX; Duplex: half or full
Physical characteristics	
Dimensions	7.8(d) x 4.8(w) x 1.6(h) in. (19.81 x 12.19 x 4.06 cm) (1U height)
Weight	1.5 lb. (0.68 kg), Fully loaded
Memory and processor	
	32 KB per port
Mounting	Mounts in a standard 19 in. rack with optional four-way mounting kit
Performance	
Switching capacity	1.6 Gbps
Routing table size	1,000 entries
Environment	
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating relative humidity	15% to 95% @ 104°F (40°C), non-condensing
Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Non-operating/Storage relative humidity	15% to 90% @ 149°F (65°C), non-condensing
Shock and vibration	EN 60068 (IEC 68)
Altitude	up to 10,000 ft. (3 km)
Electrical characteristics	
Maximum heat dissipation	52 BTU/hr (55 kJ/hr)
Voltage	100-127 / 200-240 VAC
Current	0.4 / 0.2 A
Maximum power rating	15 W
Frequency	50 / 60 Hz
Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.
Safety	CSA 950; EN 60950/IEC 60950; NOM-019-SCFI-1994; UL 1950
Emissions	FCC Class A; VCCI Class A; EN 55022/CISPR 22 Class A
Immunity	
Generic	EN 55024, CISPR 24
ESD	IEC 61000-4-2; 4 kV CD, 8 kV AD
Radiated	IEC 61000-4-3; 3 V/m
EFT/Burst	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)
Surge	IEC 61000-4-5; 1 kV/2 kV AC
Conducted	IEC 61000-4-6; 3 V
Power frequency magnetic field	IEC 61000-4-8; 1 A/m, 50 or 60 Hz
Voltage dips and interruptions	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods
Harmonics	EN 61000-3-2, IEC 61000-3-2
Flicker	EN 61000-3-3, IEC 61000-3-3
Services	3-year, 4-hour onsite, 13x5 coverage for hardware (H5484E) 3-year, 4-hour onsite, 24x7 coverage for hardware (U6300E) Installation with minimum configuration, system-based pricing (U4827E) Installation with HP-provided configuration, system-based pricing (U4831E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UR840E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UR841E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UR843E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UR844E) 3 Yr 6 hr Call-to-Repair Onsite (UW359E) 4 Yr 6 hr Call-to-Repair Onsite (UW360E) 5 Yr 6 hr Call-to-Repair Onsite (UW361E) Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
Standards and protocols	**General protocols** IEEE 802.3x Flow Control

To learn more, visit www.hp.com/networking

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