

HP ProCurve Switch 6108



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Non-new

Overview:

The ProCurve Switch 6108 is a low-cost, stackable, multi-layer switch with 8 ports (6 ports with automatic 10/100/1000-Bereichserkennung and 2 dual-personality ports for 10/100/1000 or mini-GBIC connectivity). With Layer 3 basic IP routing, industry-leading lifetime warranty and free support for end users and e-mail support, the switch is 6108 thanks to 2 optional Gigabit fiber uplinks ideal for the access aggregation and connections over distances of up to 70 km .

Features:

- Definable priorities for data traffic (802.1p): allows real-time traffic classification into 8 priority levels are assigned to 4 queues
- Secure access to manage 6108: all access methods - CLI, GUI, or MIB - are securely encrypted through SSHv2, SSL, and / or SNMPv3

Technical characteristics:

External I / O ports

6 RJ-45 10/100-Ports (IEEE 802.3 Type 10Base-T, 802.3u Type 100Base-TX, 802.3ab 1000Base-T Gigabit Ethernet), 2 dual-personality ports - can be used as 2 additional RJ-45 10/100 be / 1000 ports, 2 open mini-GBIC slots (for mini-GBIC transceivers) or a combination of ports used

Rack-mount

Installation in a standard 19 "rack (hardware included)

Memory and Processor

Processor: Motorola PowerPC MPC8245; Flash capacity: 16MB

Latency

<12.5 s (LIFO 64-byte packets)

Address table size

8.000 entries

Routing

16 Gbit / s

Throughput

11.9 million pps (64-byte packets)

Management functions

ProCurve Manager (included); command line interface, Web browser, the configuration menu, out-of-band management (serial RS-232C)

Communication

RFC 783 TFTP, RFC 951 BootP, RFC 1542 BootP, RFC 854 Telnet, RFC 768 UDP, RFC 792 ICMP, RFC 793 TCP, RFC 826 ARP, RFC 2030 Simple Network Time Protocol, IEEE 802.3x Flow Control, RFC 2236 IGMPv1/v2 / v3, IEEE 802.1D Spanning Tree, IEEE 802.1w Rapid Convergence Spanning Tree, IEEE 802.3ad Link Aggregation Control Protocol, Cisco Fast EtherChannel® (FEC); SSHv1/v2 * Secure Shell, Secure Sockets Layer (SSL), IEEE 802.1X Network Login, IEEE 802.1p Priority, IEEE 802.1Q GVRP; SNMPv1/v2c/v3, Cisco Discovery Protocol (CDP), HTML and telnet management; RFC 1493 Bridge MIB, MIB II, RFC 1213, RFC 2096 IP Forwarding

Table MIB; RFC 2737 Entity MIB, RFC 2665 Ethernet MIB, RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events) RFC 2021 RMON sample configuration (RMON v2) RFC 2668 802.3 MAU MIB, RFC 2613 SMON, RFC 2674 802.1p and 802.1Q Bridge MIB; RFC 2618 RADIUS Client MIB, RFC 2620 RADIUS Accounting MIB

Energy requirements
100 - 240 V AC, 50/60 Hz

Power availability
1.5 A

Energy consumption
100 W

Operating conditions:

Security
EN 60950/IEC 950, UL 1950 3rd Edition, cUL (CSA 950), NOM-019-SCFI-1994

Electromagnetic interference
FCC Class A, EN 55022/CISPR22 Class A, VCCI Class A

Operating temperature range
0 ° C - 55 ° C

Operating humidity range
15% to 95% at 40 ° C, noncondensing

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