viprinet®

PRODUCT INFORMATION
MULTICHANNEL VPN HUB 5020

Technical Specifications	
Enclosure format	19" 1 U
Dimensions (WxHxD)	435 x 44 x 410 mm 17.13 x 1.73 x 16.14 in
Weight (ca.)	6.4 kg 14.10 lb
Power rating	100–240 VAC, 50–60 Hz
Power supply	2x Integrated IEC socket
Working temperature	0–35° C 32–95° F
Fans: Number / Regulation / Control	5 / ✓ / ✓
Power supply cooling	2
LAN Interface	10 Gbit/s 10GBASE-T
WAN Interface	10 Gbit/s 10GBASE-T
Max. current consumption	2 A (230 VAC) 4 A (115 VAC)
Max. power consumption	150 Watt
Typical power consumption	100 Watt
SNMP Basic / Extended	✓ / ✓
Bonding capacity	up to 5 Gbps
Maximum number of sites	250
Recom'd # of sites *	75

Features

- Real bonding of all connection bandwidths
- Quality of Service / traffic shaping
- Monitoring (graphical and remote-syslog)
- Traffic accounting via external server
- Multi-user web administration system
- Incl. Hub Redundancy System / Failover

Delivery Content

- Multichannel VPN Hub 5020
- 2 power cables
- 2 angle brackets for inserting router into 19" rack

The Multichannel VPN Hub serves as VPN concentrator for the VPN tunnels built by the Multichannel VPN Routers for transferring data via several bundled broadband lines. These bundles are then terminated in star topology with a Multichannel VPN Hub in a data center. There, the data is decrypted and forwarded to its original destination.

With a bonding capacity of 5 Gbps, this high-performance device is the best choice for managing up to 250 different VPN sites, of course depending on usage scenario. Also, it offers a number of integrated additional features such as the Hub Redundancy System and Extended SNMP Monitoring. Therefore, it is best suited for large network structures and ISPs. The optional Hub Tunnel Segmentation allows terminating several different customers on the same VPN Hub with their data traffic being completely separated from each other.

As the router possesses two redundant hot-plug power supply units, it can be operated in two separate electric circuits. This provides highest reliability in the data center.

This Viprinet hub needs to have a subscription to Viprinet Lifetime Maintenance. Without a VLM license, updates and support will not be available.

ACCESSORIES

Optional Additional Licenses
- Streaming Optimization
- Viprinet VPN Client
- Hub Tunnel Segmentation
- Traffic Accounting

*) depending on number of channels; mobile usage cases may create higher load