



DSA-3110

Access concentrator

The VPN Access Concentrator is a network access VPN platform that manages intelligent AAA (authentication, authorization and accounting) for all network users. This device provides your network with comprehensive functions, including accounting and traffic statistics output to external collector by using NetFlow technology.

Network Access Security

The VPN Access Concentrator provides you a comfortable and secure way to provide entrusted computers access to your LAN/WAN. The system guarantees that only registered users are able to use network resources. Used VPN PPTP connection technology provides a security way of user's authorization and protected remote access.

AAA Function Execution

The DSA-3110 performs for you authentication, authorization and accounting (AAA), three basic issues that are encountered frequently in many network services. Examples of these services are dial in access to Internet, electronic commerce, Internet printing, and Mobile IP. Authentication acts to verify an identity so authorization can be granted to access a resource. Accounting collects resource consumption data for the purposes of trend analysis, and capacity planning, billing, auditing, and cost allocation.

Can Be Used on Commercial Network

The DSA-3110 can also be installed in a commercial network providing services to public. Authentication is needed to make sure that the user of the service is who he claims to be. This is quite important, because you don't want that someone else is using the service you have paid for. After the user has been authenticated we need a way to ensure that the user is authorized to do the things he is requesting. For example, if you are a normal user you don't have the permissions to access all the files in a file system. Usually authorization is provided by using access control lists or policies. Resource accounting outputs information of the network usage with NetFlow technology for billing, capacity planning and other purposes.

Features

- 7 10/100Mbps Fast Ethernet ports
- 4 independently configurable ports
- Manages up to 250 user account data with internal user account database
- Supports up to 50 on-line users
- ID/Password based authentication and authorization
- RADIUS protocol and internal authentication mechanism support
- Statistics export with NetFlow protocol
- MPPE encryption
- Open base Linux OS
- CLI (command line of Linux OS)
- Built-in vi and nano editor
- Support WEB-based management, SSH, Telnet, console connection
- Multiple options of Linux kernel

DSA-3110

Technical Specifications

Provided functions

Manages up to 250 user account data with internal user account database

Supports up to 50 on-line users

Connection protocol: PPTP

ID/Password based authentication and authorization

RADIUS protocol and internal authentication mechanism support

- Only one of these can be selected at a time

Management interface access

Console mode administration interface via serial console port RS-232

NAT support

Static IP, DHCP client on ports

MPPE encryption support

Hardware

CPU

Intel XScale

Memory

SDRAM 64 MB

Ports

- 7 10/100Mbps Fast Ethernet ports
- 4 independently configurable ports (can be configured as LAN, WAN or statistics output port)
- Console port: RS-232 (default set to 115200, n, 8, 1, no flow control)

LED Indicators

- Power
- Fast Ethernet ports 1 - 7 LEDs

Physical & Environmental

Power Supply

External power adapter

Power Input

DC 5V/3A

Dimensions

239 x 156 x 30 mm

Weight

1,2 kg

Chassis material

Steel

Operating Temperature

0° - 40° C

Operating Temperature

-20° - 70° C

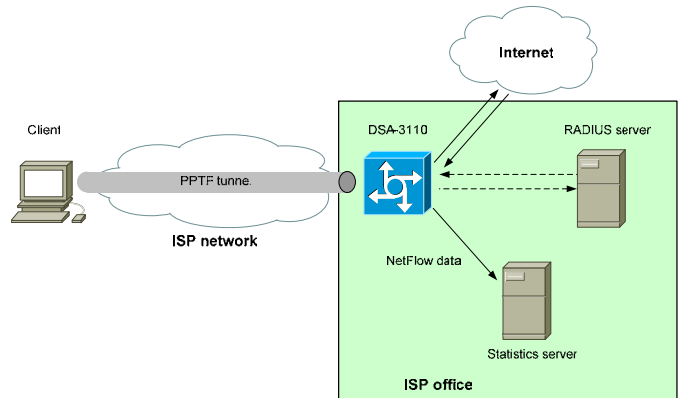
Humidity

5% to 95% non-condensing

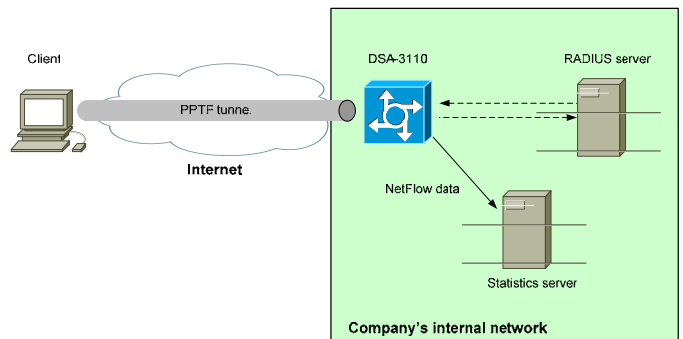
EMI

- CE
- FCC Class A

Access concentrator



Example of using DSA-3110 in ISP networks



Example of using DSA-3110 in company's internal network

Ordering Information

DSA-3110 Access concentrator

D-Link®

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U.S.A	TEL: 1-800-326-1688	FAX: 1-866-743-4905
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223
Europe (U. K.)	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Norway	TEL: 47-99-300-100	FAX: 47-22-309580
Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
Spain	TEL: 34-93-4090770	FAX: 34-93-4910795
Portugal	TEL: 351-21-8688493	
Czech Republic	TEL: 420-(603)-276-589	
Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
Greece	TEL: 30-210-9914 512	FAX: 30-210-9916902
Luxemburg	TEL: 32-(0)2-517-7111	FAX: 32-(0)2-517-6500
Poland	TEL: 48-(0)-22-583-92-75	FAX: 48-(0)-22-583-92-76
Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-022-26526696	FAX: 91-022-26528914
Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latin America	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brazil	TEL: 55-11-218-59300	FAX: 55-11-218-59322
South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099 #350
China	TEL: 86-10-58635800	FAX: 86-10-58635799
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515