

D-Link DGS-1510-52X tinklo komutatorius Valdomas L3 Gigabit Ethernet (10/100/1000) 1U Juoda

Gamintojas: **D-LINK** · Modelis: **DGS-1510-52X/E** · EAN: **790069467950** · Prekės kodas: **937383**



860,90 €

Kaina su PVM

Be PVM: **711,49 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Valdomas L3 Web pagrįstas valdymas
- ✓ Paslaugos kokybės (QoS) palaikymas
- ✓ Pagrindinių perjungimo RJ-45 ethernet prievadų skaičius: 48
- ✓ 10G parama
- ✓ Adreso lentelės dydis: 16000 įrašai Perjungimo pajėgumas: 176 Gbit/s
- ✓ Prieigos kontrolės sąrašas (ACL)
- ✓ 1U Stovo montavimas Didinimas



Aprašymas

Overview

The DGS-1510 Series is D-Link's latest generation of SmartPro switches with 10G port connectivity, making them ideal for deployment in SME/SMB core environments. The DGS-1510 Series provides a reliable, scalable, and modular interconnection between core switches and edge switches with rich capabilities and simplified flexibility. Available in 16, 24 and 48 10/100/1000 Mbps port models, these switches also include four optical ports – including 2 Gigabit SFP and 2 10G SFP+ ports. The 24 and 48 port versions are also available with 4 10G SFP+ ports instead of the 2 Gigabit plus 2 10G configuration.

10G SFP+ Stacking/Uplink Ports

Depending on whether linear or fault-tolerant ring stacking is implemented, users can use one or two 10-Gigabit SFP+ ports to create a physical stack. Six units or 288 Gigabit ports can be configured as a stack using optional direct attach cables to provide high bandwidth on the DGS-1510 Series with cost efficiency. Users can mix from any of the DGS-1510 SmartPro series in a single stack to allow simultaneous and easy configuration, management and troubleshooting.

Flexibility and Scalability

The DGS-1510 Series supports virtual stacking via D-Link's Single IP Management (SIM), allowing up to 32 devices to be managed via a single IP. This simplifies management of small workgroups or wiring closets while allowing the network to be scaled to handle increased bandwidth demand. SIM reduces the number of IP address needed in the network and allows switches to be stacked together over Ethernet instead of using physical uplink or stacking ports. This eliminates the need for specialized stacking cables and removes distance barriers that can limit topology options when using other stacking technology.

Extensive Layer 2 Features

The DGS-1510 Series switches are equipped with a complete lineup of Layer 2 features including IGMP Snooping, Port Mirroring, Spanning Tree, and Link Layer Discovery Protocol (LLDP). The IEEE 802.3x Flow Control function allows servers to directly connect to the switch for fast, reliable data transfer. At 2000 Mbps Full Duplex, the Gigabit ports provide high-speed data pipes to servers with minimum data transfer loss. Network maintenance features include Loopback Detection and Cable Diagnostics. Loopback Detection is used to detect loops created by a specific port or VLAN and automatically shut down the affected port or VLAN. The Cable Diagnostics feature, designed primarily for administrators and customer service representatives, can quickly discover the type of error on cables and determine the cable quality.

QoS, Bandwidth Control

The DGS-1510 Series supports Auto Surveillance VLAN (ASV) and Auto Voice VLAN, which are best suited for VoIP and video surveillance deployments. Auto Surveillance VLAN is a new, industry-leading technology built into D-Link Smart Switches. This technology consolidates data and surveillance video transmission through a single SmartPro switch, sparing businesses the expense of maintaining expensive dedicated hardware and facilities. ASV also ensures the quality of real-time video for monitoring and control without compromising the transmission of conventional network data. The Auto Voice VLAN technology enhances VoIP service by automatically placing voice traffic from an IP phone to an assigned VLAN. With higher priority and an individual VLAN, these features guarantee the quality and security of VoIP traffic. Furthermore, the DSCP markings on Ethernet packets enable different levels of service to be assigned to network traffic. As a result, these voice and video packets take precedence over other packets. In addition, with Bandwidth Control, network administrators can reserve bandwidth for important functions that require more bandwidth or might require high priority.

Secure your Network

D-Link's innovative Safeguard Engine protects the switches against traffic flooding caused by virus attacks. The switches also support 802.1X port-based authentication, allowing the network to be authenticated through external RADIUS servers. In addition, the Access Control List (ACL) feature enhances network security and helps to protect the internal IT network by screening ingress traffic based on MAC or IP addresses. The DGS-1510 Series includes ARP Spoofing Prevention, which protects from attacks on the Ethernet network that may allow an intruder to sniff data frames, modify traffic, or bring traffic to a halt altogether by sending fake ARP messages to the network. To prevent ARP Spoofing attacks, the switch uses Packet Control ACLs to block invalid packets that contain fake ARP messages. For added security, the DHCP Server Screening feature screens rogue DHCP server packets from user ports to prevent unauthorized IP assignment.

IPv6 Ready

The DGS-1510 Series is IPv6 ready and supports various IPv6 functions such as MLD Snooping, IPv6 ACL/QoS, and IMPBv6 to ensure seamless integration of next generation networks. The DGS-1510 Series also supports a IPv4/v6 dual stack function that allows the switch to act as a bridge between IPv4 and IPv6 networks. Finally, all DGS-1510 Series are certified to be IPv6 Ready Logo Phase 2, which guarantees interoperability for IPv6

environments.

Versatile Management

The DGS-1510 Series provides a D-Link Network Assistant Utility and a web based management interface that enables administrators to remotely control their network down to the port level. The D-Link Network Assistant Utility allows customers to easily discover multiple D-Link SmartPro Switches within the same L2 network segment. With this utility, users do not need to change the IP address of their PC. It also simplifies the initial setup of the SmartPro Switches. Switches within the same L2 network segment that are connected to the user's PC are displayed on screen for instant access. This allows extensive switch configuration and basic setup of discovered devices including password changes and firmware upgrades. The DGS-1510 Series also supports D-View 6.0 and a fully featured Command Line Interface (CLI) via dedicated out-of-band console port. D-View 6.0 is a Network Management System that allows for the central management of critical network characteristics such as availability, reliability, resilience, and security. CLI management of the switches is possible via console port and Telnet interfaces. This makes it possible to adjust basic settings, passwords, configuration files, and firmware with ease.

Layer 3 Traffic Management

The DGS-1510 Series supports advanced traffic management features, including static routing. In static routing, IP routes are manually entered into a routing table, which allows for communication between different user groups in different VLAN segments in a network. The switch can directly handle inter VLAN routing using multiple interfaces, making the network run faster and more efficiently. Because the switches can manage internal routing, the network router can be assigned to handle external traffic routing only.

Energy Saving

DGS-1510 switches are capable of conserving power without sacrificing operational performance or functionality by using D-Link Green 3.0 technology. Using the 802.3az Energy Efficient Ethernet standard, the network will automatically decrease the power usage when traffic is low with no setup required. For environments not fully supporting the standard, DGS-1510 switches offer advanced power-saving settings including port shutoff, LED shutoff, and system hibernation based on custom scheduling profiles. The profiles can also be applied to the PoE switch so that there is no unnecessary power consumption during off hours.

Techninė specifikacija

Valdymo funkcijos	
Perjungimo tipas	Valdomas
Perjungimo sluoksnis	L3
Paslaugos kokybės (QoS) palaikymas	Taip
Web pagrįstas valdymas	Taip
Duomenys perduodami į debesies platformą	Ne
Ryšys	
Pagrindinių perjungimo RJ-45 eternetų prievadų skaičius	48
Pagrindinių perjungimo RJ-45 eternetų prievadų tipas	Gigabit Ethernet (10/100/1000)
SFP+ modulio angų kiekis	4
Maitinimo jungtis	DC lizdas
Tinklas	
Tinklo standartai	IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3u, IEEE 802.3x

10G parama	Taip
Portų mirroring	Taip
Pilnai abipusis (duplex)	Taip
Srauto kontrolės palaikymas	Taip
Nuorodų agregacija	Taip
Transliacijos audros valdymas	Taip
Auto MDI/MDI-X	Taip
Head-of-line (HOL) blokavimas	Taip
VLAN palaikymas	Taip
Duomenų perdavimas	
Adreso lentelės dydis	16000 įrašai
Perjungimo pajėgumas	176 Gbit/s
Pralaidumas	130,95 Mpps
„Store-and-forward“ funkcija	Taip
Paketo buferio atmintis	3 MB
Saugumas	
DHCP funkcijos	DHCP server, DHCP client
Prieigos kontrolės sąrašas (ACL)	Taip
IGMP tinklinio judėjimo sekimas	Taip
MAC adresų filtravimas	Taip
SSH/SSL palaikymas	Taip
Transliavimo grupiniu adresu ypatybės	
Multicast palaikymas	Taip
Konstrukcija	
Stovo montavimas	Taip
Didinimas	Taip
Forma	1U
Produkto spalva	Juoda
LED indikatoriai	Aktyvumas, Jungtis, Energija
Ventiliatorių skaičius	2 ventiliatorius(iai / ių)
Saugumas	cUL, CB
Veikimo charakteristikos	
Garso lygis	45,8 dB
Energijos valdymas	

AC įėjimo įtampa	100 - 240 V
AC įėjimo dažnis	50 - 60 Hz
Galios suvartojimas (maks.)	44,2 W
„Power over Ethernet“ (PoE)	
Maitinimas per Eternetą (PoE)	Ne
Aplinkos sąlygos	
Darbo temperatūros diapazonas (TT)	-5 - 50 °C
Sandėliavimo temperatūros norma (T-T)	-20 - 70 °C
Darbo santykinės drėgmės diapazonas	0 - 95%
Sandėliavimo santykinis drėgmės diapazonas	0 - 95%
Šilumos sklaida	138,8 BTU/h
Svoris ir matmenys	
Plotis	440 mm
Ilgis	250 mm
Aukštis	44 mm
Svoris	5,3 kg
Pakuotės duomenys	
Pakuotės plotis	365 mm
Pakuotės gylis	555 mm
Pakuotės aukštis	101 mm
Paketo svoris	4,62 kg
Techninė informacija	
Transportavimo kartono dėžės aukštis	39,8 cm
Transportavimo kartono dėžės plotis	32,4 cm
Transportavimo kartono dėžės ilgis	57,3 cm
Transportavimo kartono dėžės grynasis svoris	11,4 kg
Gaminių skaičius gabenimo (vidinėje) dėžėje	3 vnt
Bendrasis padėklo svoris (gabenant oru)	375,1 kg
Pagrindinių (išorinių) dėžių skaičius ant padėklo (oro transporto)	24 vnt
Kiekis ant padėklo (gabenant oru)	72 vnt
Padėklo bendrasis ilgis	110 cm
Padėklo bendrasis plotis	120 cm
Padėklo aukštis (gabenant oru)	173 cm
Bendrasis padėklo svoris (gabenant jūra)	375,1 kg

Pagrindinių (išorinių) dėžių skaičius ant padėklo (jūrų transporto)	24 vnt
Gaminių skaičius ant padėklo (jūrų transporto)	72 vnt
Padėklo aukštis (gabenant jūra)	173 cm
Gabenimo (vidinės) dėžės bendrasis svoris	14,9 kg
Sertifikatai	
Sertifikavimas	CE, FCC, C-Tick, VCCI, BSMI, CCC
Logistikos duomenys	
Darniosios sistemos (DS) kodas	85176990
Matmenys ir svoris	
Matmenys (I × P × A)	56,00cm × 37,00cm × 10,00cm
Svoris	4,26kg

Dokumentai ir vaizdo įrašai

- › [Naudojimo instrukcija](#)
- › [Greitos pradžios vadovas](#)
- › [Gaminio lankstinukas](#)
- › [Atitikties deklaracija](#)

Gamintojo ir saugos informacija

GAMINTOJAS

D-Link

ATSAKINGAS ASMUO ES

D-Link BeneluxPostbus 48, 5480 AA Schijndel, NL
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PLATINTOJAS

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Saugos dokumentai

- › [Atitikties deklaracija](#)