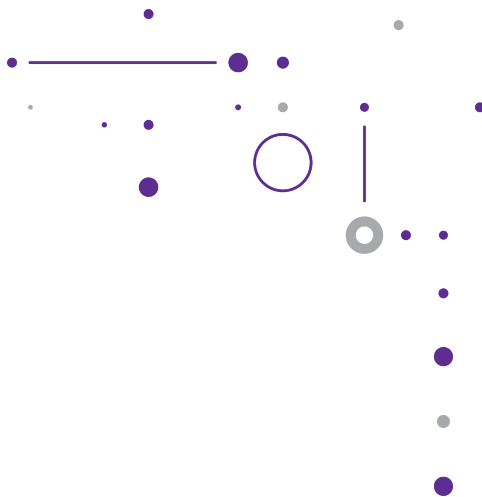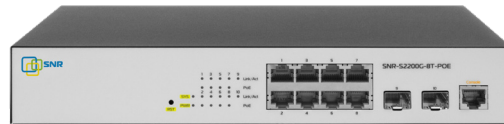DATASHEET

SNR-S2200G-8T-POE
L2 WEB Smart PoE Switch

SNR-S2200G-8T-POE - GigabitEthernet WEB Smart L2 switch with PoE support. Management of the switch via the WEB-interface provides simplicity and convenience of configuration when building networks of various levels

Main features:

· Management via WEB-interface
· Support PoE 802.3af/at with total PoE power 100W
· GigabitEthernet uplink and downlink ports
· Build-in power surge protection on each port
· Non-blocking architecture

Модели коммутаторов

The SNR-S2200G-8T-POE switches are equipped with GigabitEthernet downlink ports and GigabitEthernet SFP uplink ports.

Model	10/100/1000 Base-T	100/1000 Base-X SFP
SNR-S2200G-8T-POE	8	2

High performance

The SNR-S2200G-8T-POE switches built with modern chipsets and have a non-blocking switching matrix that allows all switch ports to operate simultaneously at full speed. It also guarantees high performance and minimal network latency.

Model	Switching Capacity	Forwarding Rate	MAC
SNR-S2200G-8T-POE	20 Gbps	14,9 Mpps	8K

Resilience

For organizing resilient networks, support for standard protocols STP/RSTP/MSTP.

Link aggregation functionality using LACP or static aggregation allows combining up to 8 ports into one logical interface, increasing the bandwidth ability and resilience at the data link level.
Due to equipping each RJ-45 port with surge protection, the switch components are protected from damage when high voltage applied to the port.

PoE+ support

The SNR-S2200G-8T-POE switches support PoE 802.3af и PoE+ 802.3at standards with a smart capacity management. The PoE technology reduces cost of ownership and makes network maintenance easier. It allows to supply with power directly from switch different types of equipment such as WiFi hotspots, IP/Video phones, thin clients and others.

Model	Number of PoE ports	Total PoE capacity
SNR-S2200G-8T-POE	8	100 Watt

Dimensions and and power supply

The SNR-S2200G-8T-POE is equipped with an power supply AC 100~240V and have an compact form-factor, which expands the possibilities of its application.

Model	Dimension	Power Consumtion	Cooling	Power Supply
SNR-S2200G-8T-POE	210 x 180 x 44 mm	120 Watt	Passive	100~240V AC

Operational convenience

The switch is managed through a web interface, which provides simplicity and ease of configuration when building networks of various levels with difficult operating conditions.

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Technical Brief:

MAC address table
· 8K entries

PoE
· 802.3af/at on 1-8 ports
· Total PoE power 100 Watt
· PD Alive

Flash memory size
· 32 Mbytes

RAM size
· 128 Mbytes

Switching type
· Store-and-Forward

VLAN
· 4094 Vlan
· IEEE 802.1Q

Ring Protection
· Loopback Detection

QoS
· 8 queues per port
· Bandwidth control

Spanning Tree
· 802.1D STP
· 802.1W RSTP
· 802.1S MSTP

Port Aggregation
· Up to 8 groups per switch /up to 8 ports in group

Humidity
· 5%-95%, no condensation

Operating temperature
· 0C ~ 45C

Storage temperature
· -40C ~ 70C

Surge protection
· Up to 4 kV

MBTF
· >800000 hours

Security
· Storm Control
· ARP Safeguarding
· IP Source Guard
· Port Isolation

DHCP
· DHCP Client
· DHCP Snooping

Management
· Web
· SNMP v1/v2c/v3

Diagnostic
· Virtual-cable-test

Ordering information

Model	Description
SNR-S2200G-8T-POE	L2 WEB Smart PoE switch, 8 x 10/100/1000Base-T, 2 x 100/1000Base-X SFP ports. Power: 100~240V AC

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