

RY-GS23-26

19"-switch with management, 24 ports and optical port uplink

- 19"-switch
- Copper ports: 24 x 10/100/1000Tx
- Optical ports: 4 x SFP 100/1000 Mbit/s (Combo)
- Optical ports: 2 x SFP 100/1000 Mbit/s
- Manageable, ring redundant
- Power supply 230 VAC



Being developed for tasks with high data volume, this layer-2+ switch is suitable for example for video over IP and video streaming in connection with multicast as well. With its extensive management possibilities, it is also suitable for complex network structures.

Technical data

General properties

supply voltage	100-240VAC, 50-60Hz
power consumption	Max. 40W
operating temperature	0°C to 40°C
dimensions	19" x 14 x 221mm (442 x 44 x 221mm)

interfaces

copper ports	24 x 10/100/1000TX, RJ45
optical fibre ports	4 x 100/1000, SFP (combo), 2 separate SFP uplink-ports 100/1000BaseF



network properties

backplane	52GBit/s
MAC-table	8k
configuration	Console, Web GUI, SNMPv1, v2c and v3
port settings	Port disable/enable. Auto-negotiation 10/100/1000Mbps. Flow control disable/enable. Data rate control on each port. Max. framesize, power control
port status	Display per port speed link status, flow control status. Auto negotiation status, trunk status.
VLAN	802.1Q Tagged based VLAN, up to 255 VLAN-groups, Q-in-Q, private VLAN
link aggregation	IEEE 802.3ad LACP / static trunk, supports 18 groups of 8-port trunks or static trunk
QoS	Traffic classification based, strict priority and WRR, 4-level priority for switching - Port number - 802.1p priority - DS/TOS field in IP paket
security	SSH v1 and v2, SSL, 802.1X RADIUS, port security, ACL with MAC, IP, multicast etc.
multicast	IGMP v1/v2/v3 snooping, up to 1024 multicast groups, source-specific multicast, IGMP proxy
topology	STP, RSTP, MSTP



standards

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX/100BASE-FX

IEEE 802.3z Gigabit SX/LX

IEEE 802.3ab Gigabit 1000T

IEEE 802.3x Flow control and back pressure

IEEE 802.3ad Port trunk with LACP

IEEE 802.1d Spanning tree protocol

IEEE 802.1w Rapid spanning tree protocol

IEEE 802.1s Multiple spanning tree protocol

IEEE 802.1p Class of service

IEEE 802.1Q VLAN tagging

IEEE 802.1x Port authentication network control

IEEE 802.1ab LLDP

IEEE 802.az Energy Efficient Ethernet



Product variants

RY-GS23-26

24 x 10/100/1000

4 x SFP 100/1000 (Combo)

2 x SFP 100/1000

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