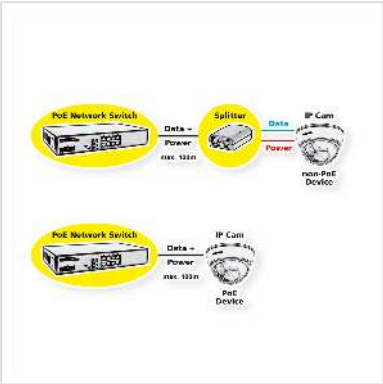
ROLINE Gigabit Switch 10-Port, (8x RJ45+2x SFP) Layer2 PoE+ Smart Managed, 240W

Product No.	21.13.1131
Manufacturer	ROLINE
Manufacturer No.	21.13.1131
EAN (single piece)	7630049628939



Industrial Managed Gigabit Switch with 8x 10/100/1000Mbps RJ-45 and two dual-speed SFP slots.

• Eight 10/100/1000Mbps RJ-45 and two dual-speed SFP slots
• All copper ports support auto-negotiation and auto-MDI/MDI-X detection
• All copper ports are equipped with 802.3bt-compliant PoE PSE
• Two SFP slots support dual speed for 100BASE-FX and 1000BASE-X SFP transceivers
• Full wire speed forwarding
• Supports 802.3x flow control for full-duplex and backpressure for half-duplex
• Supports SFP with Digital Diagnostic Monitoring (DDM)
• IEEE 802.3, 802.3ab, 802.3z, 802.3x, 802.3af, 802.3at, 802.3bt, 802.1x, 802.1w, 802.1D, 802.1Q
• Provides PoE PSE redundancy function
• Provides fiber optical power alarm function, Automatic Laser Shutdown function
• Power voltage DC 12V-60V (General applications) / 45 - 57VDC (PoE applications)
• Operating Temperature: -30ºC - 70ºC
• Storage Temperature: -40ºC - 85ºC
• Relative Humidity: 5% - 95% non-condensing

Management:
• HTTP/HTTPS/SSHv2/CLI telnet/CLI console/SNMP v1/v2c/v3/RMON
• DHCP/DHCPv6 client, DNS client, NTPv4
• IPv6 support, System Syslog, Configuration down/upload, Software upload
• private MIB for DDM monitoring, Remote boot, TFTP firmware update via SNMP

Security:
• NAS, 802.1X, MAC-based/Web/CLI authentication, IP MAC binding, TACACS+, IP source guard

Layer 2:
• QoS, 802.1Q/MAC-based/Protocol-based/Private/IP subnet VLAN, Port Isolation
• Storm control for UC/MC/BC packets
• Static MAC configuration
• IGMP v2/v3 snooping, MLD v1/v2 snooping, DHCP snooping
• Multiple Spanning Tree – MSTP, RSTP, STP

Auto Multi-Ring (KAMR) Technology:
• Fast failover response time
• Auto recovery when failure is repaired
• Supports up to Five redundant rings
• Works with RSTP network
• Supports ring member status monitoring for up to 100 units

Technical specifications	
Manufacturer	ROLINE
Product group	Industrial Networking
Product type	Network Switch
Colour	black
Scope of delivery	Industrial Managed Gigabit Switch, Installation Instructions
Network standard	Gigabit Ethernet
LAN (Mbps)	10/100/1000
Quantity of ports	10
Gigabit Ethernet Ports RJ-45	8
Free slots for SFPs	2
Power over Ethernet (PoE)	PoE+ (IEEE 802.3at)
Quantity of PoE ports	8
Max. PoE output power per port	30 W

Max. PoE output power (total)	240 W
Dimensions (HxWxD)	60 x 106 x 140 mm
Mains connection	Loose cable / screw terminals
Operating temperature min.	-30 °C
Operating temperature max.	70 °C
Height	60 mm
Width	106 mm
Depth	140 mm
Weight	768.1 g
Height of packaging (single piece)	90 mm
Width of packaging (single piece)	160 mm
Depth of packaging (single piece)	260 mm
Package weight (single piece)	1 kg