



KONGSBERG



TACTICAL ETHERNET SWITCH

HIGH CAPACITY TACTICAL ETHERNET SWITCH

ES624 Tactical Ethernet Switch

ES624 is a fully ruggedized high capacity Ethernet switch built for harsh tactical environments. The switch has 24 Ethernet ports of which minimum eight are with Type1 Power over Ethernet (PoE).

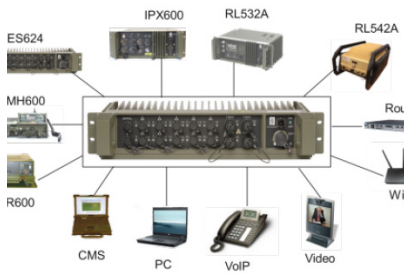
ES624 can be delivered with up to four fiber connectors (of the 24). The fiber can be single- or multi-mode. The switch can be used as a media converter to/from fiber/copper Ethernet connections.

ES624 supports Virtual LAN (VLAN 802.1Q) for establishment of virtual networks. Quality of Service (QoS) is supported for traffic prioritization. Network Time Protocol (NTP) is provided and can use the embedded GPS receiver or an external time source.

Management is performed through the KONGSBERG Communication Management System CMS or through the web interface. CMS is an intuitive and easy to use menu based system running on Windows10.

FEATURES

- 24 Ethernet ports
- 8 PoE
- 4 fiber ports
- Management via CMS or web
- Part of K-TaCS Tactical Communication System



Connectivity.

Headline?

ES624 supports headquarters, command posts and mobile units with multi-media application interfaces to a tactical communication network infrastructure, including advanced weapon systems like the NASAMS Air Defence system.

The ES624 is a catalyst for enabling enhanced situational awareness and providing high data capacity for video and CSI applications.

The ES624 provides Ethernet and fiber-optic interfaces.



Version 1: Fiber and rugged connectors.



Version 2: Rugged connectors.



Version 3: RJ45 connectors.

TECHNICAL DATA

Port Connections	24 LAN (min.8 x PoE Type1 802.3 af 15.4 W) 4 fiber GPS antenna
Functions	VLAN: 802.1Q, Port-Based QoS: DiffServ DHCP: Option 82 Diagnostics / Statistics NTP
Management	Web CMS
Interfaces	Ethernet: 1 Gbits/s Fibre-Optic: 1 Gbits/s (SM or MM) Option: 10 Gbits/s (FO)
Power Supply	18-32 VDC MIL-STD 1275 200 W power consumption (incl. PoE)
Environmental	Operating temp.: -40°C to +55°C Environmental: MIL-STD 810 army ground EMC: MIL-STD 461 army ground
Dimensions	Height: 89 mm Width: 483 mm Depth: 360 mm Weight: 7,5 kg

