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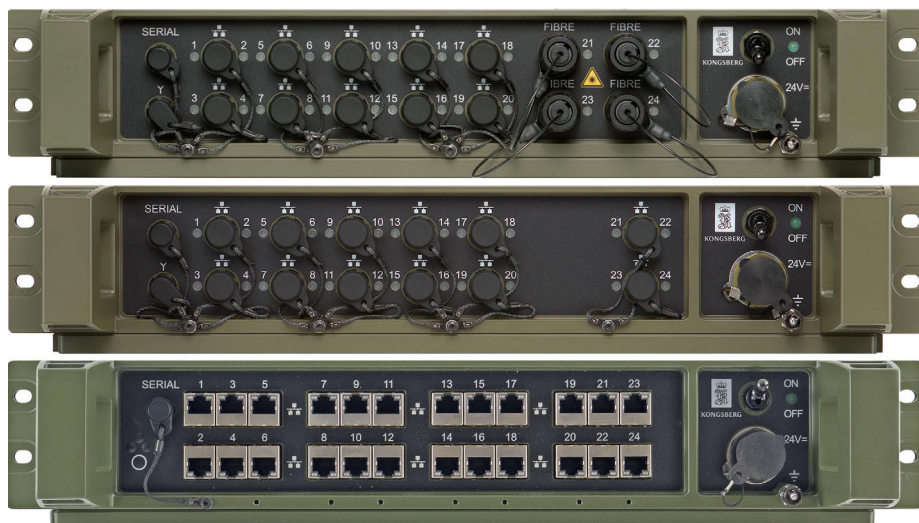
- 24 Ethernet ports
- 8 PoE
- 4 fibre ports
- Management via CMS or web
- Part of K-TaCS Tactical Communication System

ES624 Tactical Ethernet Switch

High Capacity 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 Type 1 Power over Ethernet (PoE).

ES624 can be delivered with up to four fibre connectors (of the 24). The fibre can be single- or multi-mode. The switch can be used as a media converter to/from fibre/copper Ethernet connections.
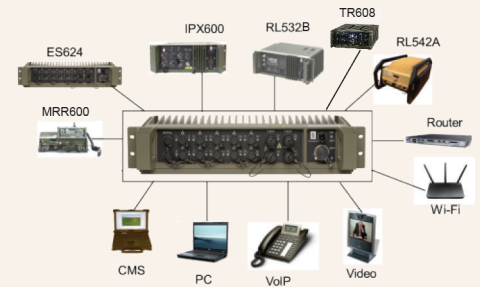
ES624 supports Virtual LAN (VLAN 802.1Q) for establishment of virtual networks. Quality of Service (QoS) is supported for traffic prioritization. Network Time Protocol (NTP) is provided and can use the embedded GPS receiver or an external time source.

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.

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 C5I applications.

The ES624 provides Ethernet and fibre-optic interfaces.

Connectivity

TECHNICAL DATA

Port Connections	24 LAN (min. 8 x PoE Type 1 802.3 at 15,4 W) 4 fibre GPS antenna
Functions	VLAN: 802.1Q, Port-Based QoS: DiffServ DHCP: Option 82 Diagnostics / Statistics NTP
Management	Web CMS
Interfaces	Ethernet: 1 Gbit/s Fibre-Optic: 1 Gbit/s (SM or MM) Option: 10 Gbit/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

Version 1: Fibre and rugged connectors

Version 2: Rugged connectors

Version 3: RJ45 connectors