



## TACTICAL ROUTER/MEDIA GATEWAY

The Link Between EriTac and IP Networks

IPX600 is a high capacity Router and TDM switch with a range of functions.

IPX600 is the main networking component of K-TaCS, Tactical Communication System from KONGSBERG.

IPX600 integrates IP networks and legacy tactical networks and Provides IP networks with Military Gateways.

IPX600 is a configurable media gateway and router, supporting a range of different interfaces.

IPX600 provides a wide range of IP and circuit switched network services.

Its small size and low weight together with its inherent properties for communication readiness, makes IPX600 particularly suitable for communicationn between tactical units frequently on the move.

Management is performed through the Communication Management System CMS. CMS is an intuitive, easy to use menu based system. Predefined configurations may be used.

IPX600 is fully ruggedised, designed for harsh environments.

### FEATURES

- Integrated Call Control, supports up to 100 VoIP telephones
- Voice, data and management service integration with legacy EriTac (circuit switched) and TacLAN (Combat level IP system)
- Supports traditional EriTac/EUROCOM terminals
- Media Gateway supporting SIP , STANAG, ISDN and EUROCOM GWs, enabling for example calls between Eurocom and Voice over IP subscribers
- Multimedia access unit via Optical Fibre or Radio Link



IPX600 in an K-TaCS rack installation

## TECHNICAL DATA

### PORT CONNECTIONS

5 x WAN  
1 x Fibre

2 x LAN  
1 x Operation and Maintenance

### SUBSCRIBERS

15 x Legacy Telephones  
100 x VoIP Telephones

### PROTOCOLS

SIP  
RIPv2 and RIPv6  
OSPFv2 and OSPFv3  
BGP  
PIM-SM  
PIM-SSM  
RTP  
NTP

Q.931/QSIG  
STANAG 4206  
STANAG 4578 Ed.1  
CPX Trunk Group

### SERVICES

IPv4 and IPv6  
Call Handling  
SIP Telephones

DHCP Server /Client  
NTP Server  
Remote Management From CMS

### INTERFACES

Ethernet:  
ITU-T:  
ITU-T:  
EUROCOM D/1:  
STANAG 4206:  
STANAG 4578 Ed. 1:  
Fibre:

10/100BASE-T/TX  
V.11 256, 512, 1024, 2048, 4096, 8192, 8448 kbit/s  
G.703 256, 512, 1024, 1544, 2048, 4096, 8192, 8448 kbit/s  
256, 512 kbit/s  
2048 kbit/s  
1 Gbit/s

### DIMENSIONS

Height:  
Width:  
Depth:  
Weight:

177 mm  
483 mm  
350 mm  
19 kg

### POWER SUPPLY

Input Voltage:  
Power consumption:

19-32 VDC  
100 W

### ENVIRONMENTAL

Operating Temperature:  
Environment:  
EMC:

-40°C to +55°C  
MIL-STD 810  
MIL-STD 461