

ITX 32M



Product code:

ITX 471 31.5 - Multiplexer E1 / X.21 / Ethernet - (RJ , BNC)

ITX 471 31.7 - Multiplexer D E1 / D X.21 / Ethernet - (RJ)

ITX 471 32.5 - Multiplexer E1 / UDI / Ethernet - (RJ , BNC)

ITX 471 32.7 - Multiplexer D E1 / D UDI / Ethernet - (RJ)

UDI - V.35, V.36, RS 530, V.24

Features:

Multifunctional device:

- 1) **Converter** – *default function* – Cross-connect and conversion of synchronous interfaces X.21 to E1. Cross-connect and conversion of E1 interfaces to Ethernet interface.
 - 2) **Cross Connect** – cross-connect of any E1-A timeslot to E1-B timeslot. Cross-connect and conversion of synchronous interfaces X.21 to E1. Cross-connect and conversion of E1 interfaces to Ethernet interface.
 - 3) **E1 over Ethernet** - 2xE1/Ethernet - transmission of E1 interfaces via Ethernet
 - unframed 2xE1 or 1xE1
 - framed 2xE1,1xE1 or Nx64 TS in E1
 - transmission in local network RAW ETH
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- transmission over IP network
- identification of devices according to their ID or IP address
- jitter buffer – optional setting to 2, 5, 10 ms.
- setting of TOS/DiffServ bits
- VLAN and 802.1p support
- Clock recovery /synchronization E1 over Ethernet network / IP network
- for secure device operation – it is necessary to set QOS in the network, min. delay, min. error rate and min. packets jitter

4) Inverse mux – 2xE1/Ethernet - transmit of Ethernet interface through 2 x E1 – VLAN support.

5) VLAN Router – routing to E1 according to ID VLAN. Conversion of tagged frame to standard frame is possible.

6) N x 64 – transmit of selected E1 timeslots through synchronous network (on X.21 interface. Same devices must be on both network sides.

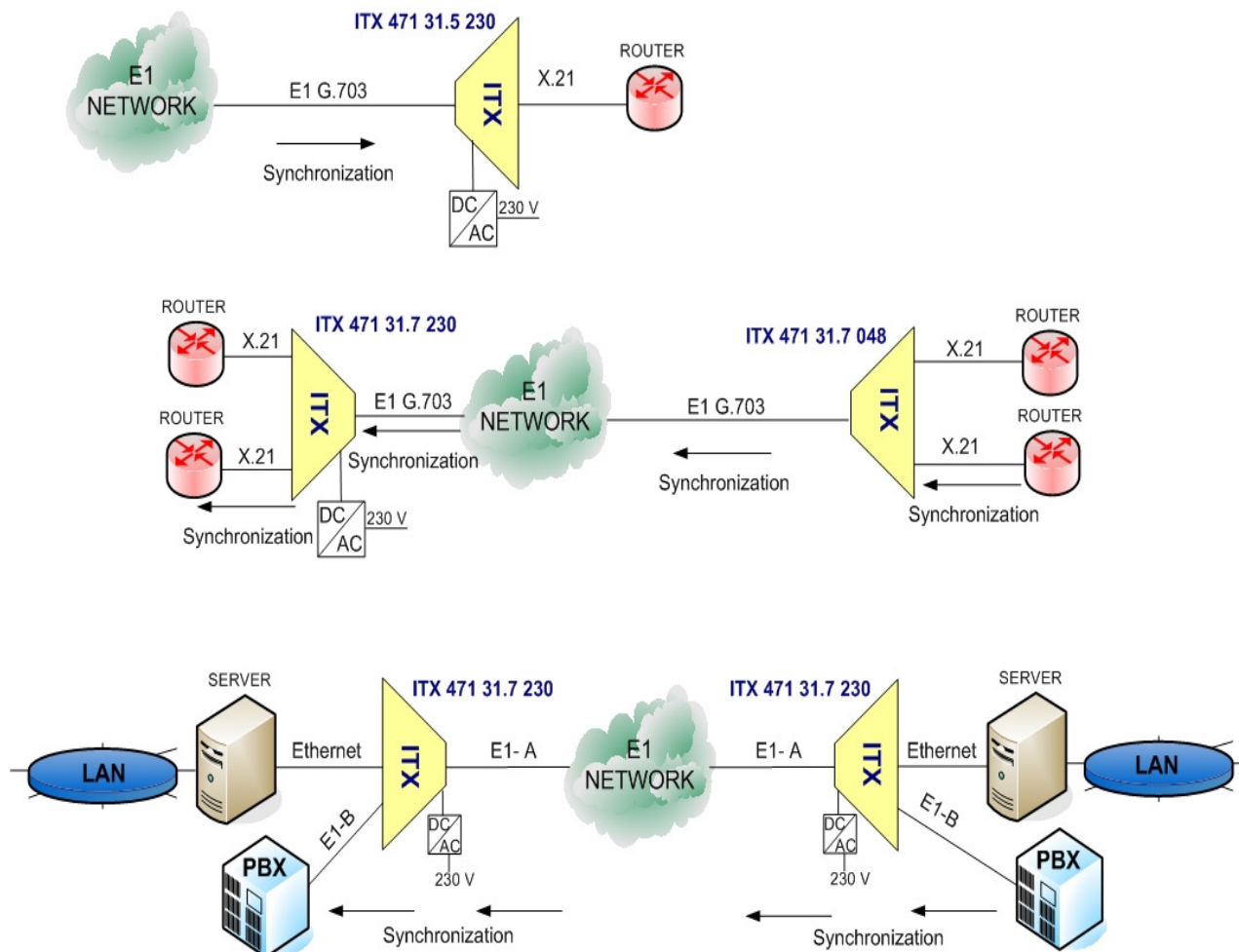
- Conversion of E1 G.703/G.704 to synchronous interface X.21 DCE, resp. UDI
- Mode E1 framed allows conversion n x 64 kbps (n = 1 to 31timeslots).
- Mode E1 unframed transparently transmits 2.048 Mbps to serial interface X.21 and vice versa
- E1 framed n x 64 kbps (n = 1 to 31timeslots).
- E1 120/75 Ohm.
- Interface X.21 DCE (DTE).
- Interface UDI (X.21, V.35)
- Interface Ethernet 10/100 BT.
- Interface V.24 (RJ 45) for configuration of multiplexer from PC
- Supervision via Ethernet by allocating IP address.
- Configuration and remote control via TCP/ IP, UDP, http, SNMP.
- Multiplexer synchronization from E1 G.703/G704 or synchronous interface.

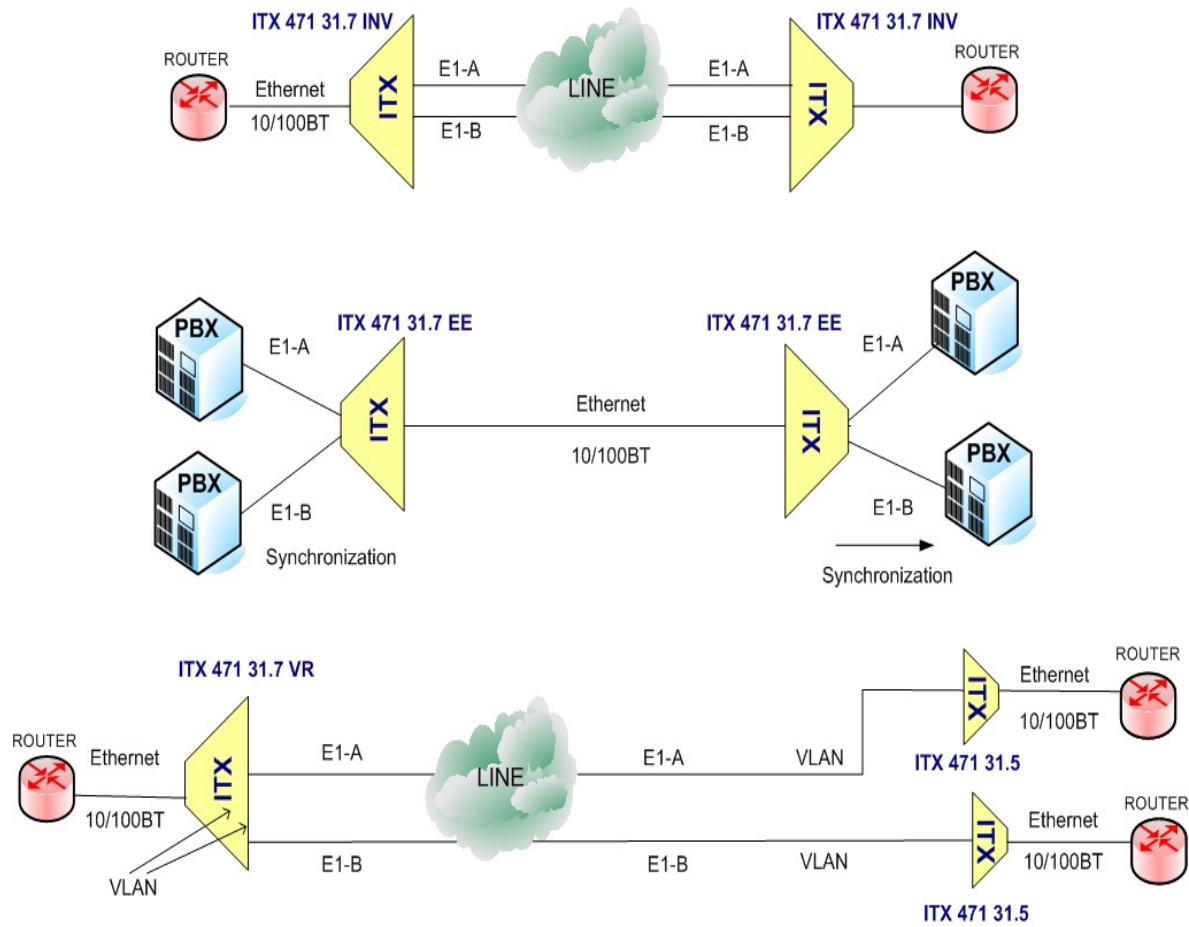
Functions:

	ITX 471 31.5	ITX 471 31.7	ITX 471 32.5	ITX 471 32.7
CC Cross Connect / Converter	-	A	-	A
EE E1 over Eth	A	A	A	A
IN Inverse mux	-	A*	-	A*
VR VLAN ROUTER	-	A*	-	A*
N64 n x 64	A	A	A	A

* - interface X.21 is deactivated

Applications:





Dimensions:

39 x 165 x 100 mm (h x w x d)