



**inoteska**

# VOICE&DATA ROUTER



Product code:

Version 1U:

**ITX 495 01 - Voice&Data Router**

Variants:

**ITX 495 01. a b c d e f g h i**

Optic communication	X = 2 optic fibres A = type A, 1 optic fibre B = type, 1 optic fibre
Distance	2, 15, 40, 80 km
Wave length	1300, 1500 nm
Optic mode	0 = none SM (Single mode) MM (Multi mode)
Power supply	1 = 230V, 48V 2 = 230V 3 = 48V
GSM interface	0 = none 1 to 9
Analogue interface	0 = none 1 = 4 interfaces 2 = 8 interfaces 3 = 12 interfaces 4 = 16 interfaces 5 = 20 interfaces 6 = 24 interfaces 7 = 28 interfaces 8 = 32 interfaces
BRI interface	0 = none 1 = 4 interfaces
Compression	1 = 16 2 = 32

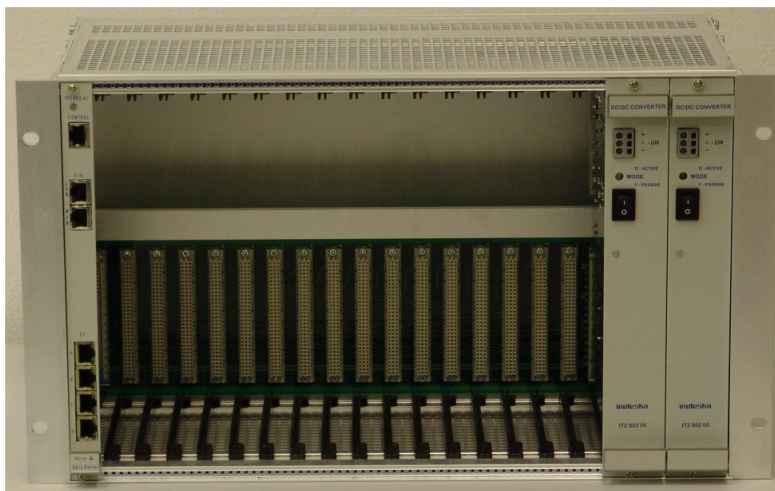
## 19" Rack version 6U:

**ITP 222 05 – 19" rack 6U**

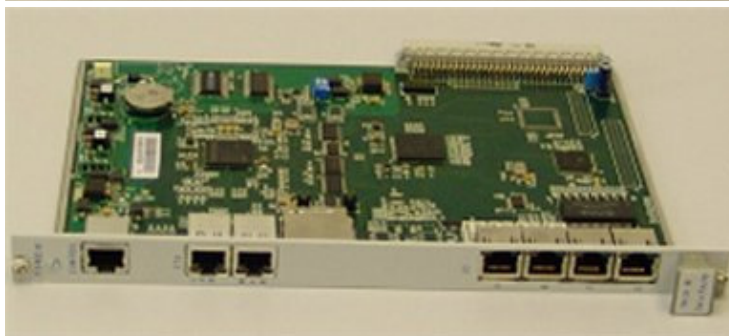
**ITX 402 41. a b c d e – Voice & Data Router (rack card)**

<b>Optic communication</b>	X = 2 optic fibres A = type A, 1 optic fibre B = type, 1 optic fibre
<b>Distance</b>	2, 15, 40, 80 km
<b>Wave length</b>	1300, 1500 nm
<b>Optic mode</b>	0 = none SM (Single mode) MM (Multi mode)
<b>Compression</b>	1 = 16 channels for G.726, G.729 a b, G.723.1 48 channels for G.711 2 = 32 channels for G.726, G.729 a b, G.723.1 64 channels for G.711

**ITZ 802 05 – Converter DC/DC +5V/20A**



**Rack**



**Card**

It is possible to place max. 17 cards ITX 402 41 to the rack.

## **Features:**

- The device is a multifunction VoIP gateway with application in SIP Trunking, PBX IP Trunking and PSTN access for local IP telephony solutions.
- OS LINUX
- Asterisk SW
- 4 x E1 120 Ohm PRI DSS1 or R2 MFC ports software configurable
- 2 x ETHERNET 10/100 BT or 1 x 10/100 BT and 1 x 10/100 FX\*
- 48 or 64 simultaneous calls (G.711)
- Max. 16 or 32 simultaneous calls (G.726, G.729 a b, G.723.1)
- G.165 / G.168 - 2004 Echo Cancellation up to 128 ms
- NT/TE software configurable
- Multiple codec support
- Fax over IP support, including T.38
- Remote management capabilities
- SIP signaling
- SNMP
- USB 1.1 host port
- Console port

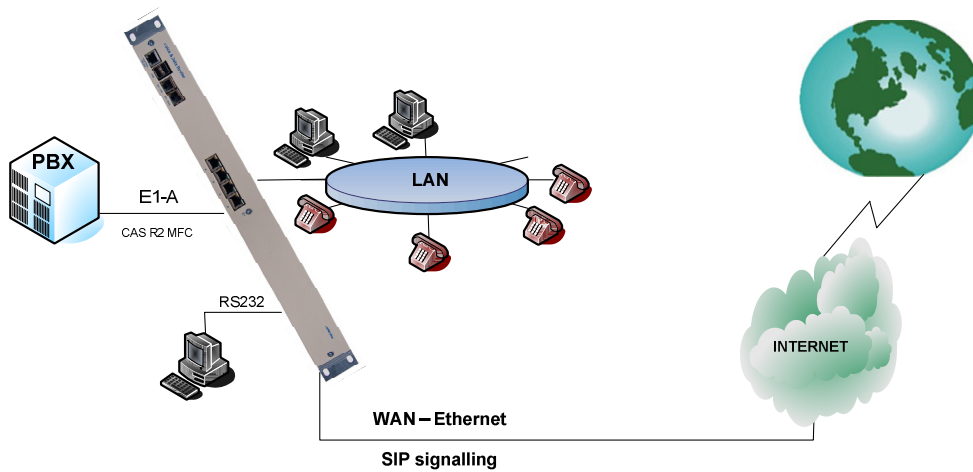
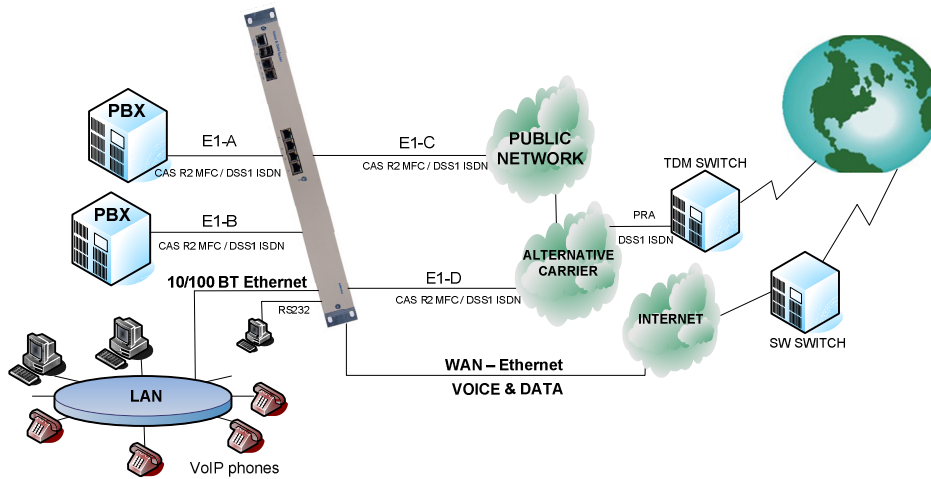
\* WAN ETHERNET fiber optic interface (SC DUPLEX) can be single mode or multi mode

- for single mode length 15 km device uses only 1 optical fibre

- Auto MDIX option - for both Ethernet interfaces

## Applications:

- Voice & Data Router
- VoIP, TDM PBX (SW Asterisk)
- TDM – VoIP Gateway
- Signaling converter R2 MFC – SIP
- SIP PROXY Server



## Dimensions:

Rack version 1U: 44 x 485 x 282 mm (h x w x d)