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# VoIP USER TERMINAL Mod. VISus

The VISus Terminal is an operator interface for an integrated IP telecommunications system made up by the following items:

- VoIP User Terminal;
- VoIP Radio Gateway;
- Communications server.

The VoIP system enables remote control of legacy radio transceivers (HF, VHF UHF). The operator interfaces to the system through a touch-screen monitor, a keyboard, a mouse and an audio subsystem including a stereo headset with microphone and PTT (Push-To-Talk) button(s).

Services available include:

- Point-to-point or conference audio communications with other terminal in the network;
- Telephone communications towards the public telephone network;
- Half-duplex access to the Radio Gateways with carrier control through local PTT command;



- Monitoring and setup of operating parameters of the radio equipment in use (type of radio, working frequency/channel, signalling of reception/transmission status, etc.; see figure below);
- Multiple simultaneous communications;
- Audio broadcasting towards multiple simultaneous communications;
- Instant messaging and file transfer;
- Local and remote built-in test;
- Individual regulation for speaker and headset audio for each channel;
- Communications with external networks (TETRA, GSM, PSTN/PABX).

#### Operating parameters of radio resources which can be monitored/set include:

- Operating channel
- Squelch threshold
- Power level
- Encryption status
- Received signal level
- Forward and reflected power
- Busy and carrier on indication
- Temperature
- Internal equipment status
- Alarm status



#### Supported Protocols:

- SIP 2.0 (VoIP)
- RTP v.2
- XMPP

#### DIMENSIONS AND WEIGHT

 Width:
  $360 \pm 0.5 \text{ mm}$  

 Heigth:
  $350 \pm 0.5 \text{ mm}$  

 Depth:
  $360 \pm 0.5 \text{ mm}$  

 Weight:
 12 kg

## ENVIRONMENTAL CHARACTERISTICS

Working temperature:  $-10 \degree C \div +50 \degree C$ 

## ELECTRICAL CHARACTERISTICS

Power Supply:100 ÷240 VAC, 50/60 HzPower consumption:80 W

ontact List	rtv1077_1				rtv1124_3	BITE
RETE RADIO ≋VHF	Main Cryp	to / Tones	Measures C	NSC BITE X	Main Crypto Measures	BITE Main Squeich
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R5-232 communication lost rtv1077_3	DSC	70			tx	<b>√</b> 0n X Off
B rtv1124_1 - Main CH: 12 DSC: OFF No Alarms	Signal Levels		Power Level		Power Supply	Power Level
B rtv1124_2 - Main Ott 14 DSC: CN	DW DSC		×Lo	w High	AC	XLow VHigh
No Alams	Vol.		0	Hangup	Vol	Hangup
Main CH: 12 DSC: ON operatore_3 R TTV 1124_4 -	PSTN2 Dial Pad Transfer Cal				dsc1097_1 Main Measures DSC	BITE
Main CHE 12 DSC: ON No Alarms	1	2	3	Drag 'n' Drop User Here	<sup>RX</sup> 25.550	.000 Hz
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