



V-SERVER iPOTS System Product Specification

The V-SERVER iPOTS is designed to assist corporate customers in deploying integrated voice/data devices to their small/medium business users. Installed at the customer's desktop, the V-SERVER iPOTS acts as a voice/data access device enabling the user to obtain both voice and data services via a single platform.

Hardware Specification

Physical:

- Weight: 4 Lbs.
- Dimension: 245mm x 217 mm x 65mm

Display & Keypad:

- 12-key alphanumeric keypad
- 8 direct access keys
- 4 soft keys
- 10 function keys
- LCD display 24x2

Hardware Platform:

- TI Orion processor consists of ARM7 TDMI ARM and M32L40 DSP core
- 4M of Flash
- 8M of SDRAM
- Two RJ45 10/100 BaseT Ethernet interfaces
- Handset, Speaker and Microphone for analog voice interface

Power Adapter:

- Linear 110/220V
- External adapter

Software Specification

Network Interface:

- One 10/100M for Ethernet PC interface
- One 10/100M for local LAN interface

Analog Voice Interface:

- Two analog voice channels
- Handset, speaker and microphone

Console Port Interface

- DB9 local console port interface

Protocol Interface:

- TCP/IP: TCP, UDP, TFTP, BOOTP, DHCP
- H.323 (phase 1)
- SIP (phase 2)
- Megaco (phase 2)
- H.450 (phase 2)
- H.235 (phase 2)

Audio Codecs:

- G.711
- G.729A/B
- G.723
- G.722

PBX Interface:

- Third-party PBX host
- V-Server OfficeBuilder

System Provision & Management Interface

- DDA for billing, management and provisioning
- SNMP
- IVR (Phase 2)
- CDR
- H.323 GK
- SoftSwitch (Phase 2)
- Call authorization H.235
- H.450
- Firmware remote update
- Automatic IP address assignment via DHCP
- Voice Browsing (Phase 2)

Features

- Pre-dialing before off-hook
- Speaker phone for Hands-free operation

- Last number redial key
- Mute key to block outgoing voice
- Call on-hold key
- Line1 and Line2 key for line selection and auto-hold
- CONF key for 3-way conference call
- Call waiting tone for second incoming call
- ESC/REJ key for rejecting second incoming call
- Volume control keys
- Caller ID
- Group Listen feature for handset and speaker
- Speed dialing (H.323 Gatekeeper required)
- Call diversion (H.323 Gatekeeper required)
- Call transfer (H.323 Gatekeeper required)
- Voice mail
- Phone book
- Password protection for added security

Compliance and Certification

- FCC part 15 A/B
- UL
- CE