

S-820 VOIP Debit Card Payphone S-825 VOIP Debit / Credit Card Payphone (shown here)

Main Features

- Accepts memory and microprocessor cards
- Accepts track II magnetic cards (S-825)
- Multilingual display with bright back light provides user messages, even in complete darkness.
- 128x64 dot addressable display allows graphics for logos and advertising.
- Top-up application for pre-paid phone cards
- Powered via AC/DC adaptor or PoE
- Standard RJ-45 jack for LAN connection
- Four function buttons (language, volume, new-call and redial)
- On-hook advertising messages
- Remote programming of data and software
- Display driven test and setup procedures
- Auto-diagnostics and reporting
- 400 Mhz MCU and DSP
- 12 Bit high performance codec
- Uses 3 Volt technology for low power operation.
- 9 M byte FLASH memory for nonvolatile data storage
- 133 Mhz SDRAM 32 MB



Remote Access Management System (RAMS-IP)

- User-friendly Windows™ operating systems
- Provides remote, unattended programming of all phone parameters and application software.
- Edit rate tables, discount tables, dialing patterns, speed dial numbers and display messages as needed.
- Create and manage advertisements in text or graphic format.
- Alarm message monitoring
- Automatically collects and stores detailed call records in an ANSI standard SQL database.

S-820 VOIP Debit Card Payphone S-825 VOIP Debit / Credit Card



Software Features

- DHCP support for LAN or Cable modem
- Built in web server for configuration and upgrade
- Automated provisioning of firmware and configuration via HTTP
- Manual upgrade firmware via HTTP
- Multiple audio codec support: PCMU, PCMA, G.726-32, GSM 6.10, iLBC, Speex, G.729, G.723.1
- VAD (Voice Activity Detection)
- CNG (Comfort Noise Generation)
- Dynamic Jitter Buffer
- G.165/168 compliant 32ms echo cancellation
- Tone generation and DTMF generation
- DTMF Transmission: Inband audio, RFC 2833, SIP INFO

Standards and Protocols

- SIP (RFC2543, RFC3261, RFC3262, RFC2976, RFC3264, RFC3311, RFC3515, RFC3666, RFC3420)
- IEEE 802.3 / 802.3 u 10 Base T / 100Base TX
- Support for Layer 3 Qos (Diff-Serv) and Layer 2 Qos (802.1P/Q)
- TCP/IP: Transmission Control Protocol / Internet Protocol
- ARP: Address Resolution Protocol
- ICMP: Internet Control Message Protocol
- RTP: Real-time Transport Protocol
- RTCP: Real-time Transport Control Protocol
- DHCP: Dynamic Host Configuration Protocol
- DNS: Domain Name Server
- TFTP: Trivial File Transfer Protocol
- HTTP: Hyper Text Transfer Protocol
- SNTP: Simple Network Time Protocol
- Syslog: The BSD syslog Protocol

Mechanical Features

- The housing is made of 2 mm steel with a CED undercoat and a powder coat finish.
- The Lexan handset has an electrodynamic transmitter, heavy duty armored handset cord and a stainless steel lanyard to ensure greater than 370Kg/815 lbs pull strength.
- The key and wrench locking system provides maximum security.
- A 4mm tempered glass lens protects the display.
- An internal hinge allows convenient servicing.
- Technical compartment alarm switch reports access to RAMS

Electrical Specifications

- Voltage: 7.5 VDC
- Power: 4.5W (max)
- PoE option

Mechanical Specifications

- Dimensions: 377mm (H) x 285mm (W) x 135mm (D)
14.8" (H) x 11.2" (W) x 5.31" (D)
- Weight :13 kg / 28.6 lbs
- Keypad useful life:>1,000,000
- Hook switch life:>1,000,000
- Card reader life:>500,000

Environmental Specifications

- Operating Temperature: -20° C to 55° C
- Operating Humidity: 10% to 98% non-condensing

Specifications subject to change without notice