e-tel corporation

FreeRide
Open VoIP Phones

e-tel offers a family of open Voice over IP telephones and residential gateways that are fully standards compliant. They allow the OEM to implement their own applications for enhanced features, product differentiation, and customer retention. They are designed for the large OEM or carrier that wants to offer complete VoIP solutions with IP endpoints. Basic telephony features, when the phone is used with a gatekeeper, include call waiting, forwarding, pick up, hold, mute, multiple lines, speed dial, last number redial, programmable keys and integration with Web based or traditional call centers.

FreeRide OPEN VoIP PHONE FEATURES INCLUDE:

- **STANDARDS COMPLIANCE:** The VoIP phones are fully H.323 standard compliant. MGCP and SIP are optional.

- **USER FRIENDLY:** The phones function just like existing telephones, but have advanced features such as local and remote, Web and CTI device management interfaces.

- **NETWORK FRIENDLY:** The products integrate cleanly with existing network infrastructures, and have stubs so that OEM specific applications, management and administration can be implemented.

- **VoIP INTEGRATION:** The phones and gateways integrate with existing equipment for LEC's, ITSP's and large OEM's.

- **O&M:** Full soft download capability for software updates using TFTP or FTP.

BASIC VoIP HANDSET:
Low-cost, telephone-like, complete VoIP phone set, the only indicator is an LED which can be set or reset from applications. This product is suitable for use where analog telephones would normally be installed.

EXECUTIVE VoIP STATION:
Fully featured VoIP phone with 6 programmable keys, 20 character by 2 line LCD display, Full duplex speaker phone, Voice mail indicator and 10baseT Ethernet interface.

ADVANCED VoIP STATION:
The Advanced VoIP phone (pictured above) has a reduced size QWERTY keyboard, ¼ VGA bitmapped color or grayscale display, programmable soft keys, a pointing device and a built in autosensing 10/100baseT Ethernet hub.

OTHER FEATURES:

MULTIPLE CODEC SUPPORT:
G.711 PCM A-Law and μ-Law, G.723.1A, G.729A and G.729AB, G.726 (16, 24, 32, 40 kbps), G.727 (16, 24, 32, 40 kbps)

SESSION AND CALL CONTROL:
H.323 and H.323v2, proxy server based or integral to the phone, MGCP and SIP

MEDIA INTERFACES:
LAN: 10baseT/100baseT

PSTN: ADSL, ISDN, Modem support, cable modem interface

INTERNET PROTOCOLS SUPPORTED:
TCP/IP, UDP, TFTP, FTP, and SNMP

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IP APPLIANCE PHONES

e-tel offers a family of IP Appliance telephones with many different features and capabilities. These products are Windows CE 2.x based and include a separate phone with speaker phone. They fully support all Windows CE applications and devices, allowing the OEM to have applications implemented for their enhanced features, product differentiation, phone top advertising and customer retention programs. These phones are designed for the OEM or carrier that needs to offer IP endpoint solutions to their customer base in a familiar easy to use device.

IP APPLIANCE PHONE FEATURES INCLUDE:

- **STANDARDS COMPLIANCE:** The *e*-tel IP appliance phones are fully compliant with Internet standards.

- **USER FRIENDLY:** The phones function just like existing telephones, and the IP appliance is used for browsing, email, and Internet access.

- **INTEROPERABILITY:** The phones interoperate cleanly with existing network infrastructures and custom management and administration can be implemented.

- **BASIC TELEPHONE FEATURES:** Handset and speaker phone, DTMF keyboard, hold, redial, and mute.

AVAILABLE WINDOWS CE APPLICATIONS:
Pocket Word
Pocket Outlook (Email)
Pocket Explorer (Browser)

HARDWARE FEATURES:
¼ VGA 16 level Grayscale or 256 Color display (optional)
Message waiting light
Pull out QWERTY keyboard
Smart Card Interface
Handset support
Built in pointing device
Speaker phone

INTERNET PROTOCOLS SUPPORTED:
TCP/IP, UDP, TFTP, FTP, and SNMP

AVAILABLE NETWORK INTERFACES:
LAN: 10baseT (RJ-45 jack)
PSTN: DSL, ISDN, 33.6K and V.90 modems available, Cable modem interface

OPERATIONS & MAINTENANCE:
Full soft download capability with flash file system for software updates using TFTP or FTP. Server based network device registry for new applications support and device configuration management.

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