e-tel corporation

FreeRide TLDT VoIP Telephone $'300

PRODUCT SPECIFICATION SHEET

The ease of use and the advanced features of e-tel's VoIP phone makes it ideal for an office environment.

Hardware Features:

- 10 programmable keys
- 2 line by 20 character LCD display
- Message indicator light (to be developed)
- Full duplex speaker phone
- **PSTN Gateway:** Automatically senses when network is down and switches calls to PSTN. Important feature for emergency calls. Dual channel function (Handset & PSTN gate)
- Volume control buttons for the speakerphone, handset, and ringer volume
- **Integrated two-port 10baseT (RJ-45) Ethernet hub:** Allows the telephone and a computer to share a single Ethernet connection to a 10/100BaseT Ethernet (RJ-45) network
- Automatic echo cancellation
- **Handset/Headset (RJ-11) interface:** Per FCC part 47
- Enhanced jitter compensation
- Easy-to-use speaker on/off button, and microphone mute buttons
- An IP address assignment – DHCP client or statically configured
- In-band or out-of-band DTMF signaling

Software Features:

- H.323 and Microsoft NetMeeting compatibility
- **Software upgrade:** Automatic flash updates over the network from any FTP server
- **Keypad Programming:** Allows users to log into a handset via the keypad and have their telephone number follow them. Also, all of the programmable keys can be set to use either the stations default programming or the logged in user's programming. Basic IP configuration and administration may be implemented through the keypad.
- **Browser Based Interface:** Provides an on board web interface which can be accessed via any standard browser. Allows local and remote network configuration and administration. Software upgrades and remote scripts can be performed on the entire network from a single location.

Specifications:

DESCRIPTION	SPECIFICATION
Multiple Codec Support	G.711, G.723.1, G.729a, G.729ab, GSM (to be developed)
Codec Negotiation for Bandwidth	G.711, G.723.1, G.729a, G.729ab
Call Session Control	H.323 and H.323v2, proxy server based or integral to the phone. MGCP and SIP (available 3q/00)
Function Keys and Display	12 number key telephone pad, 8 defined function keys including HOLD, 10 user programmable keys, and 2 X 20 LCD display screen
Media Interfaces	LAN: 10/100baseT (RJ-45 jack) PSTN: ADSL, ISDN, modem support, cable modem interface
Internet Protocols Supported	TCP/IP, UDP, RARP, ICMP, DHCP, TFTP, and FTP
Interface	Two standard 10BaseT RJ-45 interfaces, one for 10BaseT network to phone connection and one "hub port" for connection from phone to PC or other network device. RJ-11 interface for PSTN and serial communication.

Power and Environmental Specifications:

CHARACTERISTIC	SPECIFICATION
AC Input Voltage	100 to 230 VAC
Frequency	50 or 60 Hz
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	14° to 140°F (-10° to 60°C)
Operating Humidity	10% to 95% (non-condensing)
Dimensions (H x W x D)	4.5 x 6 x 6 in.
Phone Weight	4 pounds
Material, Housing	ABS plastic
Power Consumption	3 watts (typical), 5 watts (max.)

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**For more information about e-tel's FreeRide line of VoIP telephones
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