

# 2-Line Enterprise IP Phone

## UTT-558

### Datasheet



#### Main Features

- 2-Line enterprise IP Phone
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 2 SIP servers
- Display Resolution: 128x48 pixels
- HD voice
- PoE(optional)
- Support TR-069 and Syslog

#### Specifications

##### Phone features

- vxworks OS
- Supports SIP 2.0 (RFC3261) and correlative RFCs



## Ultrative Communications

E: sales@ultrative.com

T: +86-755-29630367

F: +86-755-29685231

<http://www.ultrative.com>

- 
- SIP supports 2 SIP servers, and backup SIP proxy servers.
  - Supports SIP UDP/TCP/TLS
  - Support IAX2, iax2 line call
  - SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP Call
  - Supports RJ-9 headset

### Display

- 128x48 monochrome dot matrix lcd

### Feature Keys

- LCD driven menu display and softkeys make user easier to use
- Soft keys programmable; function keys programmable, EXT consoles

### Audio Features

- HD voice: G.722
- Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722, G.726
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full duplex hands-free speakerphone
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Echo cancellation: Support G.168, and Hands-free can support 96ms, Hand free Speaker Phone

### Advanced Features

- Call forwarding
- Call transfer (blind/attended/alert)
- Call holding
- Call waiting
- Call conference
- BLF List
- Capable of 10 way conversation
- Join call
- Pickup
- Call completion
- Hot desk function
- 4 DSS key, 5 EXT consoles, each console with 26 keys
- Auto Redial / unredial
- Support predial
- Support messaging and MWI
- Flexible dial plan



## Ultrative Communications

E: sales@ultrative.com

T: +86-755-29630367

F: +86-755-29685231

<http://www.ultrative.com>

- 
- Barring function for outgoing calls
  - Do not disturb
  - Auto answer (handfree/ headset)
  - Caller ID display
  - CLIR (rejects anonymous calls)
  - CLIP (to make an anonymous call)
  - Dial without registration
  - Supports call logs with missed calls/incoming calls/outgoing calls, Each support 300 records.
  - Hotline/Warm-line
  - Call rejection
  - Black List
  - Intercom/Intercom barge
  - Password dial
  - Direct IP call without SIP proxy
  - Support action URL/active URI
  - Voice codec setting for each SIP line
  - Hands-free ringing choice
  - Support XML phonebook/browser
  - Support click to dial via web phone Book
  - Support Phonebook 500 records
  - Support SMS and Speed Dial

### Network/ Security Features

- WAN/LAN: 10/100M Ethernet ports,
- Supports Route and Bridge mode.
- Support bridge working as hub
- Support PPPoE for xDSL and PoE(optional)
- Support VLAN(voice vlan/data vlan)
- Support 802.1X
- Support basic NAT and NAT
- NAT transverse:support STUN client
- Support DHCP client on WAN
- Support DHCP server on LAN
- Support main DNS and secondary DNS server.
- Support DNS Relay, SNTP Client,
- Firewall, openVPN
- Support VPN (L2TP) and DMZ
- Network tools in telnet server: including ping, trace route, telnet client

### Maintenance & Management

- Web, telnet and keypad management



## Ultrative Communications

E: sales@ultrative.com

T: +86-755-29630367

F: +86-755-29685231

<http://www.ultrative.com>

- 
- Management with different account right
  - Upgrade firmware through POST mode and HTTP/HTTPS, FTP or TFTP
  - Support dhcp option66 and custom option auto provisioning
  - Telnet remote management/upload/download setting file
  - Safe mode provide reliability
  - Support Auto Provisioning to upgrade firmware or configuration file with HTTPS
  - Support TR-069 and Syslog

### Physical Features

- Adapter Input:100-240V
- Adapter Output: 5V/1A
- WAN Port: 10/100/1000 Base-T RJ-45 for LAN
- LAN Port: 10/100/1000 Base-T RJ-45 for PC
- Headset: RJ-9
- EXT: RJ-11
- Power Consumption- Idle: 2.5W, Active: 2.8W
- LCD: 75X30 mm·
- Operation Temperature 0~40 °C
- Relative Humidity 10~65%
- Main Chipset: Broadcom
- SDRAM: 16MB
- Flash: 4MB
- Phone Weight: 1.07Kg