

The Rainbow 4 VoIP Phone is an ultimate elegant Gigabit IP phone for executive users and other professionals with remarkable design. The revolutionary Dual-screen design, with HD voice quality and enhanced speaker box, enable a better visual and voice experience, and benefit of convenient and life-like voice communication for your daily office works.



Dual screen mode

The Rainbow 4 IP Phone comes with Dual screen mode maximize your convenience and efficiency of working. Dual screen IP phone is the flagship products in IP telephone in the world. 4.3 inch TFT color display enhance the visual image of your desktop. Innovative paperless BLF+BLA maximize your working efficiency, the crystal clear broadband voice (meet TIA920 standard) bring you the revolutionary working experience. Furthermore, the Rainbow series have been the first IP phone that support full HD, such HD handset, HD speaker, and HD ring tones.

4.3 inch TFT color display enrich your colorful life
With 4.3 inch TFT color display. Standby interface and multiple language UI

Visualized LCD for BLF maximize your working efficiency

Line keys could be defined as BLF, Screen after pressing undefined BLF keys. When the contact is more then physical keys, the last 2 keys could be changed to page up and down.

Giga speed Ethernet port

Make the network deployment more flexible and scalable for the enterprise.

Advanced Connectivity

It's able to connect Rainbow 1 with LAN network by PoE technology (IEEE 802.3af Power over Ethernet) or WiFi technology (Optional), to clean redundant wires from your office table.

- » Ultimate elegant phone with dual screen mode
- » Full HD Audio (handset, speaker, ringtone)
- » 4.3" TFT color display
- » Up to 6 SIP Accounts
- » Power over Ethernet (PoE)
- » Gigabit Ethernet (Optional)
- » Support TFT LCD Expansion Module



Phone functions

- Phone functions

3 ways to make or receive call – handset/headset/hand-free speaker; Support caller ID , auto answer , DND and call reject; Support speed dial , redial , mute and call holding; Support point to point calls via IP address and SIP URL; Support 3 ways conference call; Support call transfer(blinded transfer , attendant transfer and semi-attendant transfer); Support call forward (always forward , busy forward or no answer forward); Support hotline and flexible dial plan configuration;

- IP PBX functions

Anonymous Call, Anonymous Call Rejection; Synchronization Message Waiting Indicator (MWI); Voicemail , call recording; Call on hold , call pick up; Paging and intercom;

Software Features

UI and WEB Support multiple language; User friendly UI and WEB design; Support contacts image display; Support 400 contacts in phone book and 400 call history record; Support dial assistant , match the number in smart ways; Support black list; Auto adjusted background light ; Adjustable level of background light brightness; Press for a few seconds to edit programmable keys;

Hardware Specification

2*400MHZ dual core MIPS processor (R4G\R4GW)

2*263MHZ dual core MIPS processor

4.3 inch 480*272 WQVGA 16,670,000 colors LCD display;

BLF screen: FFTN 376*96 pixels black and white LCD ;

45 keys including 14 programmable keys

Dual RJ45 10.100Mhz Ports(R4\R4W)

Dual RJ45 10.100.1000Mhz Ports (R4G\R4GW)

2 RJ9 ports (for handset and headset);

1 RJ45 port for extension modules;

Power adapter AC 90-240V , DC 5V;

Standby power consumption <1W ,

working power consumption 2.5W;

Support PoE (power over ethernet);

Support rainbow ET extension

modules;

Working temperature : -10 °C- 50 °C;

Working humid : 10%-95%

Voice Features

Support HD voice codec L16G and

G.722;

Support

G.711a/u,G.726 G.729a/b G.723,iLBC codes;

Support VAD(Voice Activity Detector)

and CNG (conformation noise gain);

Support AJB (auto Jit buffer) , AEC (

voice echo canceller) AGC (voice gain

control);

10 broadband rings and 2 customized

rights by users;

Network Features

Support SIP V1 (RFC2543), V2 (RFC3261);

Support backup server;

Support proxy server and point to point connection;

Support IP/DHCP/PPPoE dial;

Support FTP/DHCP/PPPoE client;

Support Telnet/HTTP/HTTPS service;

Support SNTP protocol;

Support DNS SRV (RFC3263);

Support DNS client and built-in

NAT/DHCP service;

Support STUN;

Support 3 DTMF ways,RFC2833 and SIP

INFO;

Support router and bridge mode;

Logout on web GUI;

Management

Support 3 ways to manage the phones :

Web GUI , phone keyboard and auto

configuration in

FTP/TFTP/HTTP/HTTPS/PnP;

Configuration wizard on web UI;

Support SNMP;

Security

Support VLAN;

Support L2TP VPN;

Support 802.1X;

Support 2 different access levels- admin

and user;

Support SRTP and HTTPS protocol (

client/server);

Package

Dimension of single unit (27x18.8x13.6);

Weight : 1.5KG;

Packing size (37.0x 22.7 x 7.9)cm;

Preserve temperature -40 - -70°C;

Preserve humid level: 10-95%;

The Ultra-low THD (Total Harmonic Distortion) curve value makes you hear the original voice
The perfect frequency response curve stands for zero defect on your voice communication.

