

UCIP-2300



Business IP Phone with PoE and Dual Ethernet Ports

Combining the cutting edge technology of Voice over IP and Internet Telephony manufacturing experience, Vence (Pte) Limited now introduces the latest model of mainstream business desktop IP Phone UCIP2300.

In order to bring the highest level of satisfaction to customers, the UCIP2300 is an ideal choice for a business to deploy by using IP PBX service.



The UCIP2300 is SIP compliant, supporting up to 5 SIP service domains, with the features of dual 10/100Mbps switched (routed) Ethernet ports and integrated IEEE Power over Ethernet (802.3af) circuitry for offering a choice of powering and cabling options to help reduce cabling expenses and cord clutter. To give most flexibility to users, the UCIP2300 platform contains a large Blue LCD display with back light, 3 soft keys, 12 fixed function keys and a 5position navigation key. The Vence UCIP2300 is engineered to make easy to install communications, cost effective to deploy and offer intelligent phone features. Besides, the UCIP2300 provides additional features such as built in PPPoE/DHCP clients, user friendly web administrating system, password protected machine management, call transfer, call forward, conference call, mute, caller ID, speed dial, selectable number redial.

By utilizing of high performance chipset and state of the art DSP (Digital Signal Processing) Technology, cutting edge Quality of Service (QoS), echo cancellation, comfort noise generation (CNG), the UCIP2300 can effortlessly deliver toll voice quality equivalent to the regular PSTN connections. Meanwhile, the dual Ethernet interfaces on the IP Phone allow users to install in an existing network location without interfering with desktop PC network connections. The UCIP2300 is an ideal solution for office use as well as installation for Internet Telephony Service Provider (ITSP) from leading vendors. It's the delivery platform for IP voice service that makes benefits from the VoIP technology in business communications services.

KEY FEATURES

Standards Compliant - The UCIP-2300 is SIP 2.0 (RFC3261, RFC2543) compliant, supporting up to 5 SIP service domains, integrated with 802.3af Power over Ethernet support. It supports voice codec of G.723.1 (6.3k/5.3k), G.729A/B, G.711 (A-law/u-law), as well as voice technology Auto Echo Cancellation (AEC), Voice Activity Detection (VAD), Comfort Noise Generation (CNG).

Easy Installation and Administration - Configuration of the UCIP-2300 can be performed in minutes via web interfaces or the keypad, or through telnet. Besides, configuration values and firmware are easy to upgrade through HTTP/FTP/TFTP server and auto provisioning plays an import role in mass deployment.

Dynamic IP Address Assignment - The UCIP-2300 can act as a DHCP/PPPoE client, when plug to the network, it automatically obtains an IP address for internet access.

Various Field Applications Compliant - The UCIP-2300 is capable of handling peer to peer and SIP proxy /IP PBX registration, authentication to interact with major IP PBX / SIP Gateway / IP Phone in the market Either for IP PBX system integrator or Internet Telephony Service Provider, the UCIP-2300 is an ideal solution.

Feature-rich Keypad IP Phone - The UCIP-2300 features an excellent speaker phone with an easy to use on/off button, together with 3 soft keys, a 5positioning navigation key and 12 fixed function keys, including keys for call transfer, forward, conference call, mute and keys for advanced functions such as speed dial, selectable number redial, call history, plus the big LCD menu displaying, make the equipment more convenient and functional than traditional telephone set.

Supplementary Features - NAT traversal and compliance of L2TP VPN accomplish the powerful IP Phone as UCIP-2300.

All Features of a Standard Phone and Much More

Product	
Description	BUSINESS PoE IP PHONE
Model	UCIP-2300
Hardware	
WAN	1 X 10/100Mbps RJ45 port
LAN	1 X 10/100Mbps RJ45 port
Speaker	8 Ohm/0.2 Watt speaker for speaker operation
Memory	SDRAM: 128M Flash Memory: 16M
Standard & Protocol	
Standard	SIP RFC 3261, RFC 2543
Voice Codec	G.723.1 (5.3k/6.3k), G.729A/B, G.711(Alaw/u-law)
Voice Standard	Auto Gain Control (AGC) G.168/165 compliant 16ms echo cancellation Auto Echo Cancellation (AEC) Voice Activity Detection (VAD) Comfort Noise Generation (CNG) In-band, out-of-band DTMF relay, RFC2833, SIP info Adaptive Jitter Buffer
Call Features	Call forward, call transfer, 3way conference call Customized dial rules Caller ID DND (do not disturb), Black List, Limited List Call history: Incoming call, Outgoing call, Missed call
Protocols	TCP/IP, DHCP, PPPoE, SNTP, DNS, RTP, RTCP, Telnet, HTTP, FTP, TFTP
Applications	NAT Traversal (Outbound proxy and STUN) VPN
Network & Configuration	
Access Mode	DHCP, Static IP, PPPoE (for ADSL, Cable modem)
Management	Web, Keypad, Telnet Password protected Firmware upgrade through HTTP, FTP, TFTP Configuration values export/import Auto provisioning
Operating Requirements	
Operating environment	0~40 degree C, 10~90% humidity
Power requirement	Input 100~240V AC, Output 9V DC
Power consumption	Idle: 1.4W Active: 1.8W
Regulatory compliant	CE, FCC part 15 class B