

802.11n Wireless Desktop IP Phone

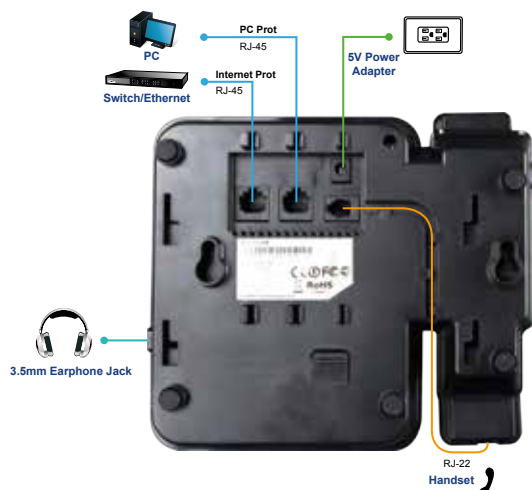


Continuously providing customers the VoIP total solutions with quality and affordability, PLANET introduced the new desktop IP phone with wireless feature, the VIP-362WT. It supports the latest VoIP protocols and allows users to take phone calls anywhere via the wireless LAN.

The VIP-362WT Wireless IP Phones helps to improve productivity of organization by bringing convenience and user-friendliness to business communication through converged voice and wireless networks.

802.11n Wireless SIP IP Phone Provides More Flexibility in VoIP

Based on years of VoIP networking R&D experiences, PLANET integrates IEEE 802.11 b/g/n wireless features with the SIP compliant IP Phone to present the desktop phone model- VIP-362WT. The VIP-362WT is a cost-effective, easy-to-install and simple-to-use desktop IP phone that unleashes your voice communications free from wires limitation and offers more flexibility in VoIP deployment. It is ideal for the enterprises and SOHO users to enjoy toll-quality voice communication services via the existing Wireless network and Internet access in daily routine communications.



Product Features

- IEEE 802.11 b/g/n compliant wireless Desktop IP Phone
- 128×64 Graphic LCD with white backlight
- Efficient deployment with IP PBX solution
- Cost effective, field proven compatibility, and stability

Supports Protocol

- SIP v2 (RFC 3261, 3262, 3263, 3264)
- Backward Compatible with RFC2543
- Session Timer (RFC4028)
- SDP (RFC2327)
- RTP/RTCP (RFC1889 and RFC1890)
- NAPTR for SIP URI Lookup (RFC2915)
- STUN (RFC 3489)
- ARP / RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP server and client
- HTTP Server for Web Management
- TFTP / HTTP / HTTPS for Auto Provisioning
- Message Waiting Indicator (RFC 3842)
- DHCP Option Codes for SIP (RFC 3361)
- DNS / DNS SRV (RFC 1706 and RFC 2782)
- IEEE 802.1Q VLAN, 802.1p and IP TOS

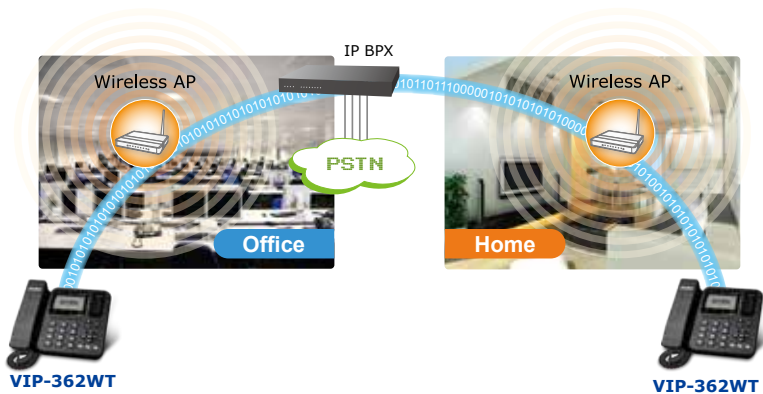
Call Features

- 4 lines
- Auto Answer, 3-Way Conference, Music on hold
- Call Hold, Call Forwarding, Call Mute, Call Transfer, Call Waiting, Call Pickup
- CID and CWCID



Toll-quality Communication over Wi-Fi

In addition to be applied through standard RJ-45 cable, the VIP-362WT can cooperate with PLANET Wireless Access Points to form a perfect solution for Voice over Wireless applications. With flexible support by PLANET IP PBX and the existing VoIP systems, the VIP-362WT allows users to make or receive phone calls in the coverage of 802.11n high speed wireless environment and offers toll-quality voice communication services via SIP-based call servers and various VoIP client devices.



Highly Efficient VoIP Management in New Age

The VIP-362WT not only performs traditional phone functions but also enhances data and voice services by providing the SNMP and TR069 features which facilitate the central management of voice over IP system in large scale user environment. The system administrator can monitor each phone's status in the control room and increase the management efficiency.

Compliant with standard SIP RFC 3261



- DTMF Relay: In-band, Out-band (RFC 2833) and SIP Info
- Full-Duplex Speakerphone
- Hotline, Redial, Dial Plan
- Message Waiting Indicator (MWI)

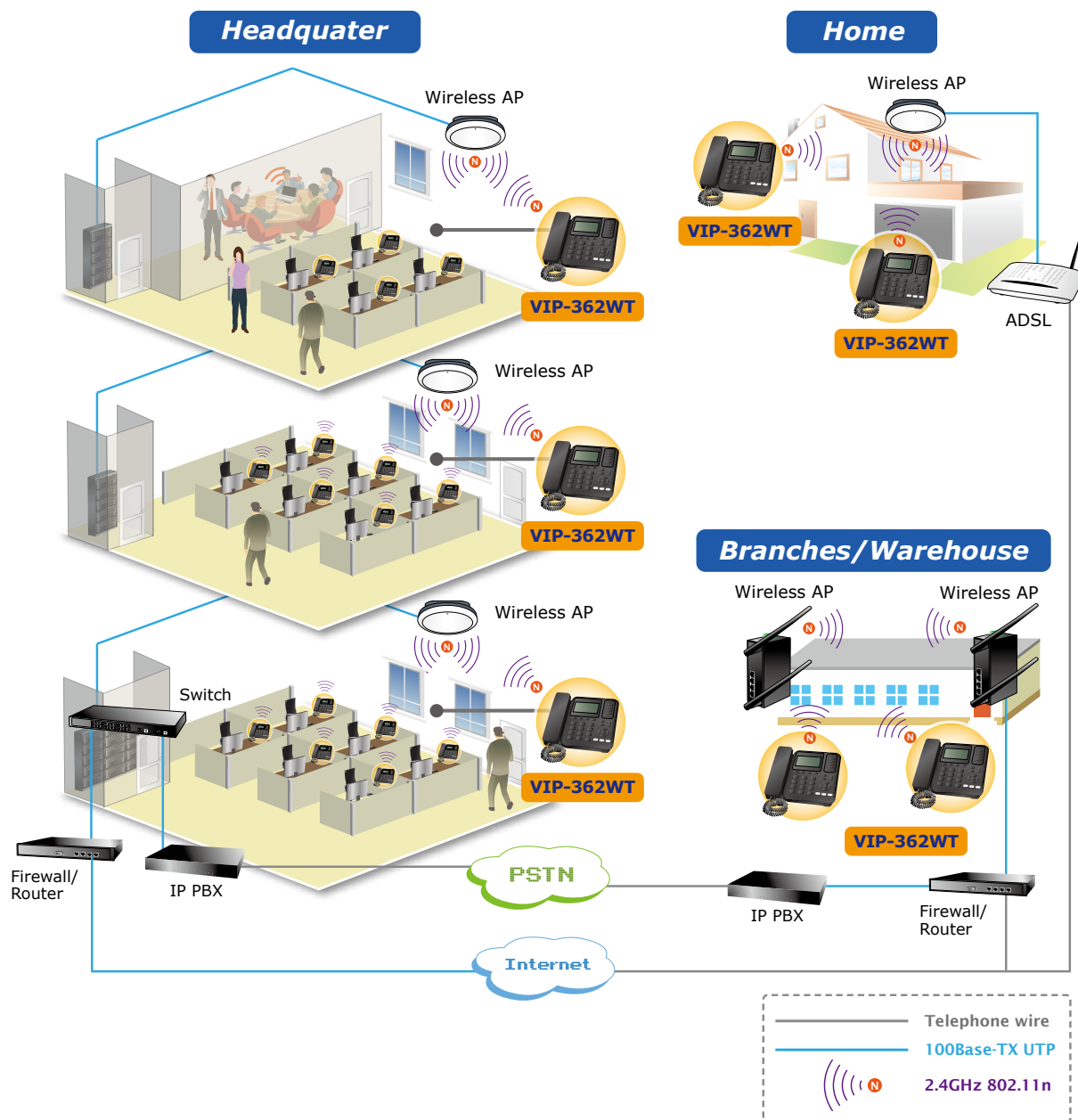
Management

- Firmware Upgradeable
- Web Management Interface
- Password Management
- Local and Remote Syslog (RFC 3164)
- Auto Provisioning: TFTP, HTTP and HTTPS
- SNTP Time Synchronization
- Multi User Level
- SNMPv2
- TR069

Application

The office that installed with Wireless Access Point can soon apply the VIP-362WT to the working environment for voice communication with less effort. Just plug and talk, the mobile worker can make the calls anywhere in the office, warehouse or factory. Co-work with PLANET Access Point such as 802.11n Ceiling Mount AP (model: WNAP-C3220) and Unified Office Gateway series as the IP PBX / Firewall Gateway, the VIP-362WT guarantees the true secured communication for the enterprise.

At home, the VIP-362WT also provides the flexibility in installation, no wire at all yet the home users can have the calls easily and friendly. Works with PLANET Wireless ADSL Router such as the ADN-4100, the VIP-362WT enables the toll-free calls to the Internet or to the office with toll-quality through wireless transmission.



Enterprise IP PBX Deployment with the VIP-362WT

Specification

Product	802.11n wireless Desktop IP Phone
Model	VIP-362WT
Hardware	
PC Port	10/100Mbps, Half or Full Duplex, auto-negotiation
LAN Port	10/100Mbps, Half or Full Duplex, auto-negotiation
10/100Mbps, Half or Full Duplex, auto-negotiation	128×64 Graphic LCD with white backlight
Headset Jack	3.5mm earphone jack
Phone Keys	4 soft keys
	4 Line keys with red-green dual color LED for indication
	MENU, DND, HOLD
	Volume +, Volume -, Mute and navigate key
	Headphone, Hands free
	12 Dialing Buttons (0~9, *, #)
Protocols and Standard	
Standard	SIP V2 (RFC 3261, 3262, 3263, 3264) Backward compatible with RFC 2543 Session Timer (RFC 4028) SDP (RFC 2327) RTP / RTCP (RFC1889 and RFC 1890) NAPTR for SIP URI Lookup (RFC 2915) STUN (RFC 3489) ARP / RARP (RFC 826 and RFC 903) SNTP (RFC 2030) DHCP server and client HTTP Server for Web Management TFTP / HTTP / HTTPS for Auto Provisioning Message Waiting Indicator (RFC 3842) DHCP Option Codes for SIP (RFC 3361) DNS / DNS SRV (RFC1706 and RFC 2782) IEEE 802.1Q VLAN / 802.1p and IP TOS
VPN Network	PPTP and L2TP
Voice Code	G.711 (A-Law, μ -Law), G.729, G.723, G.722
Voice Standard	Adaptive Jitter Buffer Management Voice Activity Detection Comfort Noise Generation Echo Cancellation
Security	802.1p (QoS) User Authentication for configuration pages
Wireless information	
Frequency	2.4GHz ~ 2.4835GHz
Operating Mode	AP Client mode, allows connection to Internet via either Wired or Wireless LAN
Security	WEP, WPA, WPA2, WPA/WPA2-PSK
RF Transmit Power	802.11b mode: 17.5+/-2dBm 802.11g mode: 14+2/-1dBm 802.11n mode: 14+2/-1dBm
Receiver Sensitivity	11M : -90dBm 54M : -79dBm 300M : -68dBm
Antenna	Internal 2dBi dipole antenna
Features	
Call Features	4 Lines Auto Answer 3-Way Conference Music on hold, Call Hold, Call Forwarding, Call Mute, Call Transfer, Call Waiting, Call Pickup Message Waiting Indicator (MWI) CID and CWCID DTMF Relay: In-band, Out-band (RFC2833) and SIP Info Full-Duplex Speakerphone Delayed Hotline Redial, Dial Plan Volume Adjustment

Application	SMS Function MAC Address Cloning SIP proxy redundancy: dynamic via DNS SRV, A records Direct IP to IP calling Alarm Clock Day Light Saving NAT Traversal: Traversal by STUN Built-in NAT Router (wired mode) VPN QoS with Layer 2 and Layer 3 DHCP Server and Client IP Conflict Detection
Network and Configuration	
Internet Connection Type	Fixed IP, DHCP, PPPoE
Management	LCD / Keypad UI Web (HTTP) Auto Provision (TFTP / HTTP / HTTPS)
Dimension (W x D x H)	220 x 187 x 97 mm
Operating Environment	0~50 Degree C, 10~90% humidity
Power Requirement	5V DC 1A
EMC/EMI	FCC, CE

Ordering Information

VIP-362WT	802.11n Wireless Desktop IP Phone
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Related Products

UMG-2000	Unified Office Gateway
IPX-1980	Internet Telephony PBX system
WNAP-C3220	802.11n Wireless Ceiling Mount Access Point
VIP-361PE	Professional PoE IP Phone (5-Line)