



All-New Business-class SIP Communications Solution



- ▶ Asterisk IP PBX
- ▶ HD IP Phone
- ▶ Analog Telephone Adapter

- ▶ SIP Voice Gateway
- ▶ Unified Office Gateway

PLANET IP Telephony Solutions

With the cost-effective and user-friendly benefits, PLANET IP Telephony system spots an unbeatable position in the telecommunication field. With cost-saving standard-based equipment and converging voice and data networks, enterprises are able to gain productive communication through such well-managed systems. Planet offers the total solutions of IP Telephony System including IP PBX, Voice Gateway, Analog Telephone Adapters (ATAs) and IP Phones with feature-rich functionalities such as three-way conferencing, Caller ID display, Call Hold, Call Transfer, Call Forward, and Call Waiting. With the advanced features, PLANET IP Telephony System is your best choice to build the most reliable Voice over IP networks.



Color Phone
Color Expansion Module



SIP Camera



All-capacity IP PBX

Beneficial Product

SIP IP Phones

PLANET IP phones support the business to build high performance VoIP communications at a low cost. PLANET IP Phone makes it simple for the enterprise combining its voice and data systems or expanding voice system to new locations. It helps the company to save money on long distance charges, and helps customers choose PoE, non-PoE, wireless, video phone, etc.

- SIP 2.0 (RFC3261) / STUN (RFC3489) Compliant
- Three-way Conference, Caller ID, Speed Dial
- Call Waiting, Transfer, Forward, Call Hold, Mute
- Message Waiting Indicator (MWI)
- Auto-provisioning / QoS / Do Not Disturb (DND)
- Voice activity detection (VAD) / Comfort noise generation (CNG)
- Acoustic echo canceller (AEC) / G.165: Line echo canceller (LEC)
- Adaptive jitter buffer(AJB) / automatic gain control (AGC)
- Voice codec : G.711, G.729, G.723, G.726, G.722, G.721

VIP-6040PT

- Gigabit Ethernet with PoE
- 3.5 inch color screen
- HD Voice
- 5 way conference
- 14 programmable keys
- Black list XML/LDAP phonebook
- Screen Sleep / Photo Caller ID



VIP-5060PT

- Supports IAX2 and IAX2 line call
- Supports six SIP voice lines
- Supports HD voice
- XML phonebook / browser
- Supports SRTP and Busy Lamp Field (BLF)
- Up to 5 extension consoles; max. 130 definable keys



VIP-2020PT

- Supports IAX2 and IAX2 line call
- Supports two SIP voice lines
- Supports HD voice
- XML phonebook / browser
- Supports SRTP and Busy Lamp Field (BLF)
- Up to 5 extension consoles; max. 130 definable keys



VIP-1010PT

- VIP-1010PT
- 2.6 inch color screen
- HD Voice
- 1 Line
- XML/LDAP phonebook
- Broadsoft/XML/LDAP phonebook
- 10 programmable keys



VIP-EXT-40

- 3.5 inch color LCD
- 20 programmable Keys each with a dual-color LED
- Daisy-chain 6 modules for up to 240 DSS Keys
- 2 control keys for fast switch pages
- Rich features, each with different Icon



For 6040PT



VIP-EXT-26

- 26 programmable buttons per module
- Supports Busy Lamp Field (BLF)
- Dual color LED for status indication
- Speed dial for each line
- 5 daisy-chain modules for 130 programmable buttons
- Conference/call transfer/forward/pickup
- Compatible with PLANET VIP-2020PT / VIP-5060PT business pro IP phones



For 5060PT / 2020PT



VIP-362WT Wi-Fi IP Phone

- 128x64 Graphic LCD with backlight
- Up to 4 service domains
- TR-069 / SNMPv2
- IEEE 802.11n wireless LAN compliant



VIP-256PT

- 128x32 Graphic LCD with backlight
- Up to 2 service domains
- BLF (Busy Lamp Field)
- TR-069 / SNMPv2
- IEEE 802.3af PoE compliant



VIP-254NT

- 128x32 Graphic LCD with backlight
- Up to 3 service domains
- Selective PSTN / VoIP voice communications



ICF-1700 Multimedia Phone

- 7" color adjustable LCD Display
- Touch screen with 800x480 pixels
- Up to 4 service domains
- Multimedia function
- System based on Android 2.1
- IEEE 802.3af PoE compliant

**ICA-4130S HD SIP Camera**

- SIP 2.0 (RFC3261) compliant
- 1/ 2.5" progressive scan CMOS sensor
- H.264 / MPEG-4 / M-JPEG compression simultaneously
- IEEE 802.3af standard PoE interface
- Supports advanced e-PTZ function

**ICA-4230S Full HD SIP Camera**

- SIP 2.0 (RFC3261) compliant
- 1/ 2.5" progressive scan CMOS sensor
- H.264 / MPEG-4 / M-JPEG compression simultaneously
- IEEE 802.3af standard PoE interface
- Supports advanced e-PTZ function
- Day / Night switch ICR (IR-cut Filter Removable)



ATAs

Based on years of VoIP manufacturing experiences, PLANET VoIP total solutions are known for advanced implementation of standard based telephony with mass deployment capability.

With cost-effective, easy-to-install and simple-to-use features, PLANET ATA converts standard telephones to IP-based network communication. It supports the service providers and enterprises to enhance the traditional telephony communication services via the existing broadband connection to the Internet or corporation network.

- SIP 2.0 (RFC3261) / STUN (RFC3489) Compliant
- Three-way Conference, Caller ID, Speed Dial
- Call Waiting, Transfer, Forward, Call Hold, Mute
- Auto-Provisioning / QoS / Do Not Disturb (DND)
- T.38 Fax Relay, G.711 Fax pass-through
- Voice activity detection (VAD) / Comfort noise generation (CNG)
- Acoustic echo canceller (AEC) / G.165: Line echo canceller (LEC)
- Adaptive jitter buffer (AJB) / automatic gain control (AGC)
- Voice codec : G.711, G.729, G.723, G.726

VIP-156

- 1 x WAN / 1 x LAN / 1 x FXS
- Up to 3 service domains
- IPv6 management support
- TR-069 / VPN connection / VLAN

**VIP-156PE**

- 1 x WAN / 1 x LAN / 1 x FXS
- Up to 3 service domains
- IPv6 management support
- TR-069 / VPN connection / VLAN
- IEEE 802.3af PoE compliant

**VIP-157**

- 1 x WAN / 1 x LAN / 1 x FXS / 1 x FXO
- Up to 3 service domains
- IPv6 management support
- TR-069 / VPN connection / VLAN
- PSTN / VoIP call selection

**VIP-157S**

- 1 x WAN / 1 x LAN / 2 x FXS
- Up to 3 service domains
- IPv6 management support
- TR-069 / VPN connection / VLAN
- 2 concurrent VoIP calls

**SKG-300 Skype Devices**

- Call waiting, 3-way conference
- Voice recording, voice message
- Auto-detection of incoming PSTN or VoIP calls
- One handset for PSTN and internet calls
- Utility management



SIP VoIP Wireless Routers

VIP-281SW

- Up to 2 service domains
- AP, AP-Client, WDS and AP+WDS
- T.38 fax transmission over IP network (G.711 fax pass-through)
- Supports FTTH / IPTV applications
- IEEE 802.11n wireless LAN compliant

300
Mbps



VIP-462DG

- DECT & GAP compatible
- Base can register up to 5 handsets
- Built-in NAT firewall, DoS protection
- PSTN life-line for emergency calls
- IEEE 802.11g wireless LAN compliant



H.323 / SIP VoIP Gateways

PLANET VoIP Gateway series is fully both SIP and H.323 standard compliant residential gateway that provides a total solution to integrating voice-data network and the Public Switched Telephone Network (PSTN). It not only provides high quality voice communications, but also offers secure, reliable Internet sharing capabilities for daily voice and Internet communications.

- H.323 / SIP 2.0 (RFC3261) / STUN (RFC3489) Compliant
- Three-way Conference, Speed Dial
- Call Waiting, Transfer, Forward, Call Hold, Mute
- Auto-Provisioning / QoS
- Voice activity detection (VAD) / Comfort noise generation (CNG)
- G.165: Line echo canceller (LEC) / Adaptive jitter buffer(AJB)
- Voice codec : G.711, G.729, G.723
- NAT Router / DHCP Server / Virtual Server

VGW-402 / VGW-400FS / VGW-400FO

- Supports SIP 2.0 (RFC3261)
- Supports IPv6 and IPv4 simultaneously
- Up to 4 SIP service domains and Caller ID
- Supports auto HTTP provision and fax feature
- Flexible Routes Plan, Dial Plan and SIP Trunk
- Supports Firewall / URL / IP / MAC / Port Filter
- Life-line for emergency calls (VGW-402)



VIP-281 / VIP-281FS / VIP-281FO

- 1 x WAN / 4 x LAN / 2 x RJ-11
- Up to 2 service domains
- Life-line for emergency calls (VIP-281 only)



VIP-880 / VIP-880FS / VIP-880FO

- 1 x WAN / 1 x LAN / 8 x RJ-11
- Up to 8 service domains
- Life-line for emergency calls (VIP-880 only)



VIP-1680 / VIP-1680FO

- 1 x WAN / 1 x LAN / 16 x RJ-11
- Up to 16 service domains
- Life-line for emergency calls (VIP-1680 only)



VIP-2480 / VIP-2480FO

- 1 x WAN / 1 x LAN / 24 x RJ-11
- Up to 24 service domains
- Life-line for emergency calls (VIP-2480 only)



VIP-2100 / VIP-2400 E1 / T1 Internet Telephony Trunk Gateway

- Built-in calling destination and prefix routing for SIP and H.323 P2P calls
- Mixed SIP, Gatekeeper and P2P voice calls
- VoIP to VoIP call conversion - SIP to H.323, SIP to SIP, H.323 to H.323
- Intelligent PSTN call routing and in-trunk hunting
- External RADIUS Authentication, Authorization and Accounting
- Built-in IVR and call-flow controller for PSTN / VoIP calls
- CDR (Call Detail Record) support



IP PBX / Unified Office Gateways

PLANET provides total IP PBX solution for our customers. For example, UMG Series is a total IT solution for small and medium businesses (SMBs). IPX-1980 (8 x FXO) / IPX-1800N (4 x ISDN) are both fully functional IP PBX, and MCU series is Multipoint Control Unit, which can not only support communication but also up to 4/9 video conferencing screen.

- SIP 2.0 (RFC3261) / STUN (RFC3489) Compliant
- Three-way Conference, Speed Dial
- Call Waiting, Transfer, Forward, Call Hold, Mute
- Voice activity detection (VAD) / Comfort noise generation (CNG)
- G.165: Line echo canceller (LEC) / Adaptive jitter buffer(AJB)
- Voice codec : G.711, G.729, G.723

IPX-2500

- SIP 2.0 (RFC3261 compliant)
- 500 Registrations / 80 Concurrent Calls
- Supports maximum 8 ports (on 2 slots)
- Multi-Language / Call Record
- Dual Gigabit Ethernet
- Hardware Echo Cancellation



IPX-2100

- 20 concurrent calls and up to 100 registers
- HD voice codec G.722 for perfect voice quality
- Fax to Email / Email to Fax for Green Office
- BLF (Busy Lamp Field)
- Call Paging and Intercom
- IVR (Interactive Voice Responses)



IPX-330

- 10 concurrent calls and up to 30 registers
- HD voice codec G.722 for perfect voice quality
- Fax to Email / Email to Fax for Green Office
- BLF (Busy Lamp Field)
- Call Paging and Intercom
- IVR (Interactive Voice Responses)



UMG-2200

- 250 register extensions
- 50 concurrent calls
- 8-port FXO IP PBX
- 24+2G switch service
- IEEE 802.11n wireless access point
- SSL / PPTP VPN & SPI firewall
- URL / IM / P2P Blocking
- POP3, SMTP, IMAP, webmail
- Anti-virus and anti-spam
- RAID 0, RAID 0/1, RAID 5, JBOD



UMG-1000

- 100 register extensions
- 30 concurrent calls
- 4-Port FXO IP PBX
- SSL / PPTP VPN & SPI firewall
- URL / IM / P2P Blocking
- POP3, SMTP, IMAP, webmail
- Anti-virus and anti-spam
- FTP & network storage



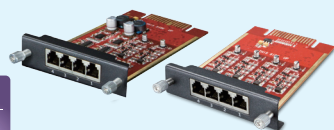
MCU-1400 / MCU-1900

- Up to 4 / 9 video conferencing screen
- Up to 20 / 60 voice participants
- H.263 / H.263p / MPEG-4 compression
- Video / voice conferencing service
- Call detailed Record (CDR)
- Asterisk compatible IP PBX
- IP surveillance hosting service



IPX-21SL / IPX-21FO

- 4 standard two-wire, RJ-11 interfaces
- Up to 4 ports for 2 analog telephone lines and 2 POTS lines
- Loop start signaling for advanced features: caller ID and distinctive ring
- PSTN life-line for emergency calls (For IPX-21SL)



For IPX-2500 / IPX-2100

IPX-21PR / IPX-21BR

- One RJ48 Interface(IPX-21PR)
- Up to 24 (T1) or 30 (E1) simultaneous calls(IPX-21PR)
- Selectable T1, E1 Mode Digital Card (IPX-21PR)
- Protocol support includes: ISDN PRI, Robbed-bit, CAS(IPX-21PR)
- 4 X ISDN BRI-ST interface ports (IPX-21BR)
- Up to 8 voice channels(IPX-21BR)
- Supports TE and NT modes(IPX-21BR)



For IPX-2500 / IPX-2100

IPX-21GS

- Quad-band EGSM 850/900/1800/1900 MHz for worldwide GSM compatibility and deployments
- 4 GSM ports/modules per card
- GSM protocol stack for voice and SMS
- Loop start signaling for advanced features: caller ID and distinctive ring



For IPX-2500 / IPX-2100