

Internet Telephony PBX System

IP PBX					
Model		IPX-330	IPX-2100	IPX-2200	IPX-2500
Product Image					
Hardware	Ethernet Port (RJ45)	1 WAN + 1 LAN	1 WAN + 1 LAN	1 WAN + 1 LAN	1 WAN + 1 LAN
	Expansion Slot	-	2	2	2
	HDD	-	-	-	●
	FXS	-	4 (IPX-21SL)	4 (IPX-21SL)	4 (IPX-21SL)
	FXO	2	8 (IPX-21FO)	8 (IPX-21FO)	8 (IPX-21FO)
	GSM	-	8 (IPX-21GS)	8 (IPX-21GS)	8 (IPX-21GS)
	ISDN	-	-	1 (IPX-21PR)	1 (IPX-21PR)
Voice Features	Life-line	-	IPX-21SL	IPX-21SL	IPX-21SL
	IP Stack	●	●	●	●
	SIP (RFC 3261)/IAX	●	●	●	●
	SIP Account	30	100	200	500
	Voice Line	15	30	60	100
	FoIP	T.30/T.38 Relay	T.30/T.38 Relay	T.30/T.38 Relay	T.30/T.38 Relay
	VAD/CNG/G.168	●	●	●	●
	Echo Cancellation	●	●	●	●
	Audio Codec	G.711, G.722, G.726, G.729, GSM, Speex, Opus			
	Video Codec	VP8, H.261, H.263, H.263+, H.264			
Telephone Features	DTMF	In-Band, Out-of-band (RFC 2833), SIP Info (RFC 2976)			
	NAT Traversal/STUN	●	●	●	●
	Call Hold/Forward/Transfer	●	●	●	●
	DND (Do Not Disturb)	●	●	●	●
	Auto Attendant (AA)	●	●	●	●
	IVR/CDR	●	●	●	●
	Voice Mail/Voice Mail to e-mail	●	●	●	●
	Music on Hold	●	●	●	●
	Call Park/Call Pick Up	●	●	●	●
	Meet-Me Conference	●	●	●	●
	System Save/Backup	●	●	●	●
	SNMP/TR069	●	●	●	●
	VPN Server/Client	●	●	●	●
	SRTP/TLS	●	●	●	●
	Call Monitor	●	●	●	●
	DISA/Follow me	●	●	●	●
	Firewall	●	●	●	●
	Fax to Email/Email to Fax	●	●	●	●
	Call Paging and Intercom	●	●	●	●
	IPv6/VPN/VLAN	●	●	●	●
	Real-time Voice Port Status	●	●	●	●
	IPX-21SL/IPX-21FO FXS/FXO Extension Module				
	IPX-21PR ISDN PRI Extension Module				
	IPX-21GS 3G GSM Extension Module				



30 user registrations
▶ IPX-330



SOHO (30 people)



100 user registrations
▶ IPX-2100





200 user registrations
▶ IPX-2100





500 user registrations
▶ IPX-2500



Enterprise (500 people)

High Performance IP PBX



IPX-21SL/IPX-21FO
FXS/FXO Extension Module



IPX-21PR
ISDN PRI Extension Module



IPX-21GS
3G GSM Extension Module

SIP Voice Gateways

VoIP Gateways			
Model		VGW-410FS	VGW-810FS
Product Image			
Hardware	Ethernet port (RJ45)	1 WAN + 1 LAN	1 WAN + 1 LAN
	FXS	4	8
	FXO	-	-
	ISDN/PSTN/GSM	-	-
	Life-line	-	-
	H.323 v4	-	-
	SIP (RFC 3261)	●	●
Voice Features	SIP Account	4	8
	Voice Line	4	8
	FoIP	T.38 or Fax Relay	T.38 or Fax Relay
	VAD/CNG/G.168	●	●
	Echo Cancellation	●	●
	Codec	G.711, G.723, G.729	
	DTMF	In-Band, Out-of-band(RFC 2833), SIP Info (RFC2976)	
Telephone Features	NAT Traversal	STUN, UPNP and Behind NAT	
	Call Hold/Forward/Transfer	●	●
	DND (Do Not Disturb)	●	●
	Hot Line/Speed Dial	● / -	● / -
	Dial Plan	●	●
	SIP DDoS Attack	●	●
	DHCP server	●	●
	Dynamic Jitter Buffer	●	●
	Wizard Setup	●	●
	Management	Web	Web
	Save/Backup	●	●
	NAT Router	●	●
	Real-time Voice Port Status	●	●
	Tos/Diffserv	●	●
	Different Management Level	2 Levels	2 Levels
	Port Forward	●	●
	Contact Filter	●	●
	SIP Trunk	4	8
	VLAN/QoS	●	●



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Analog Telephone Adapters

		ATAs	
Model		VIP-156/VIP-156PE	VIP-157S
Product Image			
Hardware	Ethernet Port (RJ45)	1 WAN + 1 LAN	1 WAN + 1 LAN
	PoE	- / (802.3af)	-
	FXS/FXO/PSTN (RJ11)	1 FXS	2 FXS
	SIP Account	5	5 / 10
	FoIP	T.38	T.38
Voice Features	Voice Codec	G.711, G.723, G.726, G.729, GSM	
	STUN	●	●
	Outbound Proxy	●	●
	VAD	●	●
	Echo Canceller	●	●
Telephone Features	Wizard	●	●
	3-way Conferencing	●	●
	Caller ID	●	●
	Call Mute/Hold	●	●
	Call Waiting	●	●
	Call Forward/Transfer	●	●
	Wizard	●	●
	Do Not Disturb (DND)	●	●
	Hotline/Speed Dial	●	●
	Phonebook	●	●
	Message Waiting Indicator (MWI)	●	●
	Alarm Time	●	●
	Dial Plan	●	●
	Auto-Provisioning	●	●
	TR069	●	●
	QoS	●	●
	DDNS	●	●
	VLAN	●	●
	VPN	●	●
IPv6	●	●	
DMZ	●	●	
Virtual Server	●	●	



IP Telephony

Delivering Your Voice in Real Time



High Definition Color PoE IP Phones

IP Phones			
Model	VIP-1120PT	VIP-2140PT	

Product Image



Hardware	Ethernet Port (RJ45)	1 WAN + 1 LAN	1 WAN + 1LAN (Gigabit)
	PoE	●	●
	Gigabit	-	●
	HD Audio	●	●
	Line Keys	2	-
	Soft Keys	4	4
	DSS Keys	-	6
	LCD Display	2.4" TFT-LCD	2.8"+2.4" TFT-LCD
Voice Features	SIP Account	2	4
	FoIP	-	-
	Voice Codec	G.711, G.722, G.723, G.726, G.729	
	Video Codec	-	-
	3-way Conferencing	●	●
	Caller ID	●	●
	Call Mute/Holding	●	●
	Call Waiting	●	●
	Call Forward/Transfer	●	●
	Call History	●	●
	Do Not Disturb (DND)	●	●
	Hotline/Speed Dial	●	●
	Phonebook	●	●
	Message Waiting Indicator (MWI)	●	●
	Auto-Provisioning	●	●
	TR069	●	●
	QoS	●	●
	Web call	●	●
Telephone Features	BLF	-	●
	Auto Answer (Intercom)	●	●
	Recording	-	-
	Media Player	-	-
	Ext. Console	-	-
	Photo Frame	●	●
	VPN (PPTP/L2TP)	L2TP, Open VPN	
	802.1Q VLAN	●	●



Video/Audio Conferencing Phones

Video Conferencing Phone		Audio Conferencing Phone
Model	ICF-1800	VIP-8030NT

Product Image



Hardware	Ethernet Port (RJ45)	1 WAN + 1 LAN	1 WAN + 1LAN
	PoE	●	-
	Gigabit	●	-
	HD Audio	●	●
	USB	●	-
	Audio/Video Output	HDMI	-
	LCD Display	7" TFT LCD, 800x480 pixels	128 x 64 pixels
	SIP Account	6	3
Voice Features	FoIP	-	-
	Voice Codec	G.711, G.723, G.729a/b	G.711, G.723, G.726, G.729, GSM
	Video Codec	H.263, H.264	-
	3-way Conferencing	●	●
	Caller ID	●	●
	Call Mute/Holding	●	●
	Call Waiting	●	●
	Call Forward/Transfer	●	●
	Call History	●	●
	Do Not Disturb (DND)	●	●
	Hotline/Speed Dial	●	●
	Phonebook	●	●
	Message Waiting Indicator (MWI)	●	-
	Auto-Provisioning	●	●
	TR069	●	●
	QoS	●	●
	Web Call	●	-
	BLF	●	-
Telephone Features	Auto Answer (Intercom)	●	●
	Recording	●	●
	Media Player	●	-
	Ext. Console	-	-
	Photo Frame	●	-
	VPN (PPTP/L2TP)	●	-
	802.1Q VLAN	●	●

SIP Public Announcement Adapter

IP Paging	
Model	VPA-100

Product Image



Hardware	Ethernet Port (RJ45)	2 x 10/100BASE-TX
	PoE	802.3af class3
	Headset Spec.	3.5 mm
	Headset Port	●
	Loudspeaker Port	SPK+, SPK-
	LAN1	Connect to internet and provides PoE function
	LAN2	Connect other devices for network expanding
	Microphone/speaker	3.5mm connector
Physical Interfaces	Terminal block	loud speaker, power supply, ground and output ports
	5V power supply	Max. 200mA
	3.3V power supply	Max. 500mA
	Digital Out	8mA
	Protocol	SIP 2.0 CRF(3261)
	Voice algorithms	G.711 (A-law and μ-law) G.722/G.722.1/G.722.2 G.723 G.726 G.729 iLBC
Protocols and Management	Echo cancellation	●
	Noise suppression	●
	Adaptive Jitter Buffer	●
	SIP (RFC 3261)	●
	Digital Output Port	4
	Remote Volume Configuration	●
	Turn DO on/off via Web	●
	Turn DO on/off via Phone Key	●
Features	One voice line	●
	Auto Answer	●
	Volume Adjustment	output, handset input and speaker input
	Full-duplex	●
	Incoming Ring	●
	Audio Output Mode	Speaker and Handset

SIP IP Intercoms

IP Door Phone			
Model	HDP-1100PT	HDP-5240PT	HDP-5260PT

Product Image



Hardware	Sensor	1/4" 1 mega-pixel CMOS sensor	1/4" 1 mega-pixel CMOS sensor	1280 x 760, CMOS sensor
	Viewing Angle	H: 113°	H : 110° / V : 95°	H : 60° / V : 40°
	Monitoring Range	3 meters	5 meters	5 meters
	LED	White LED x 6, effective up to 1 meter	-	IR LED x 3, effective up to 2 meters
	PoE	●	●	●
	Ethernet	10/100BASE-T RJ45 Ethernet interface	10/100BASE-T RJ45 Ethernet interface	10/100/1000BASE-T RJ45 Ethernet interface
	I/O Port	DI x 1, DO x 1, DC out 12V x 1	DI x 1, DO x 1, DC out 12V x 1	DI x 1, DO x 1, DC out 12V x 1
	Housing	-	IP65	IP66/IK10
Video & Audio	Installation	Wall-mount type	Wall-mount type	Wall-mount type In-wall mount (optional)
	Max Resolution	720p (1280 x 720 @ 20fps)	720p (1280 x 720 @ 20fps)	720p (1280 x 760 @ 30fps)
	Video Compression	H.264, M-JPEG	H.264	H.264 / H.263
	Audio Streaming	Two-way audio	Two-way audio	Two-way audio
	Audio Compression	RTSP: G.711, AAC	G.711a/u, G.723.1, G.726-32K, G.729AB	G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, AMR
	Microphone	●	●	●
	Speaker	●	●	●
	Acoustic Echo Cancellation	●	●	●
Door Phone Features	Protocol	SIP 2.0 (RFC 3261)	SIP 2.0 (RFC 3261)	SIP 2.0 (RFC 3261)
	SIP Intercom	●	●	●
	Door Lock Control	●	●	●
	RFID	-	●	●
	Manual Alarm	●	●	●
	Remote Monitoring	●	●	●
	App	● (Cloud Bell)	3 rd Party SIP Softphone	3 rd Party SIP Softphone

SIP IP Intercom & Home Automation

Indoor Touch Screen Intercom		
Model	VTS-700P	

Product Image



Hardware	Screen Size	7 inch
	Brightness	450 cd/m2
	Video Resolution	800 x 480
	Aspect Ratio	16:9
	Touch Panel	●
	PoE	●
	Installation	In-Wall type
	Ethernet	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Video / Audio	AEC	●
	Audio Code	G.711
	Video Code	H.264
	Audio Streaming	Two-way audio
	Microphone	●
	Speaker	●
Features of Home Automation Products	Acoustic Echo Cancellation	●
	SIP Intercom	●
	Weather Report	●
	Janitor	●
	Door Lock for Door Phone	●
	Door Lock for Z-Wave Device	●*
	Cameras	●
	Contacts	●
	Z-Wave Control	●*
	DI/DO	6/2