

FS VoIP Products Display

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Contents

1. Online Product Introduction ---- 3
1.1 VoIP Phones ---- 3
1.2 IP PBX(D-Series) ---- 4
1.3 D-Series Telephony Cards ---- 5
1.4 IP PBX (U-Series) ---- 6
1.5 U-Series Telephony Cards ---- 7
1.6 VOIP Gateways (T Series) ---- 8
1.7 VOIP Gateways (S Series) ---- 9
2. Core Parameter Comparison ---- 10
3. VOIP Connectivity Solution ---- 12

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1. Online Product Introduction

1.1 IP Phones



FIP-3102

- Delivers Wideband Audio Performance with HD Microphone and Speaker
- Features 4 Soft-keys, 2 Line Keys (with LED Indicator Light)
- Integrated PoE, Dual Ethernet Ports Enable You to Share a Connection with Your Computer
- Compatible with 3CX, FreePBX, etc.
- Up to 2 SIP Accounts, 6-way Conferencing
- Support Caller ID/Call Hold/Call Forwarding, etc



FIP-5112

- Delivers Wideband Audio Performance with HD Microphone and Speaker
- Features 4 Soft-keys, 2 Line Keys (with LED Indicator Light) and support custom configuration as DSS keys
- Integrated PoE,Dual Gigabit Ports,Enable You to Share a Connection with Your Computer
- Support Bluetooth Headset, EHS Wireless Headset, Wi-Fi Dongle.
- Up to 12 SIP Accounts, 6-way Conferencing
- Support Caller ID/Call Forwarding/Automatic Answering, etc



FIP-5220

- Up to 20 SIP Accounts, 6-way Conferencing
- Delivers Wideband Audio Performance with HD Microphone and Speaker
- Integrated PoE, Dual Ethernet Ports Enable You to Share a Connection with Your Computer
- Compatible with 3CX, FreePBX, etc.
- Support Caller ID/Call Forwarding/Automatic Answering, etc



FIP-7220

- Delivers Wideband Audio Performance with HD Microphone and Speaker
- Features 7-inch touch screen, Up to 92 DSS Keys
- Up to 20 SIP Accounts, 3-way Video Conferencing, 10-way Audio Conferencing
- Built-in Bluetooth 5.0 and 2.4G/5G Wi-Fi
- Support Secondary Development API and Android 9.0 OS (Operating System)
- Support DND/Hotspot/Call Transfer/Automatic Answering, etc

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1.2 IP PBX (D-Series)



IP PBX-D301

- Supports up to 100 Users and 50 Concurrent Calls
- Supports Secondary Developed System Based on Asterisk Open Source
- Intrusion Auto-detection and Security Protection Using SRTP, TLS and HTTPS Encryption
- Support VPN, Static Routing, DHCP, DDNS, Virtual IP, VLAN, etc.
- Ideal for Small to Medium-sized Businesses



IP PBX-D302

- Supports up to 200 Users and 80 Concurrent Calls
- Supports Secondary Developed System Based on Asterisk Open Source
- Intrusion Auto-detection and Security Protection Using SRTP, TLS and HTTPS Encryption
- Support VPN, Static Routing, DHCP, DDNS, Virtual IP, VLAN, etc.
- Ideal for Small to Medium-size Businesses



IP PBX-D503

- Supports up to 600 Users and 150 Concurrent Calls
- Supports Secondary Developed System Based on Asterisk Open Source
- Intrusion Auto-detection and Security Protection Using SRTP, TLS and HTTPS Encryption
- Support VPN, Static Routing, DHCP, DDNS, Virtual IP, VLAN, etc.
- Ideal for Contact Centers and Mid-size Enterprises

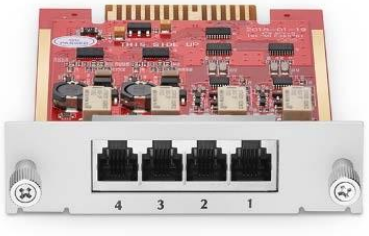
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1.3 D-Series Telephony Cards



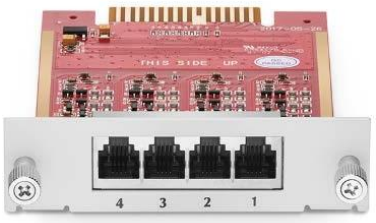
D-DTU

- Support 1 E1/T1 Port
- Compatible with PBX-D503 to Expand PBX Functionality
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI
- PSTN Trunking Allows IP-PBX to Route Calls to Traditional PSTN



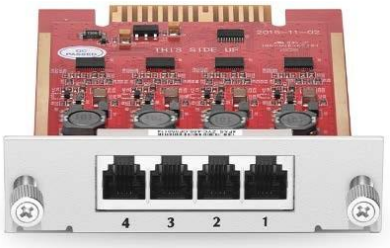
D-2FXU

- Support 2 FXO and 2 FXS Ports
- Compatible with PBX-D302 / D503 to Expand PBX Functionality
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI
- PSTN Trunking Allows IP-PBX to Route Calls to Traditional PSTN



D-4FXO

- Support 4 FXO Ports
- Compatible with PBX-D302 / D503 to Expand PBX Functionality
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI
- PSTN Trunking Allows IP-PBX to Route Calls to Traditional PSTN



D-4FXS

- Support 4 FXS Ports
- Compatible with PBX-D302 / D503 to Expand PBX Functionality
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI
- PSTN Trunking Allows IP-PBX to Route Calls to Traditional PSTN

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1.4 IP PBX (U-Series)



IP PBX-U502

- Supports up to 500 Users and 60 Concurrent Calls
- Supports Secondary Developed System Based on Asterisk Open Source
- Web GUI Configuration, Telnet Management
- Flexible Dial Plan Based on LDAP Phonebook
- Ideal for Contact Centers and Mid-size Enterprises

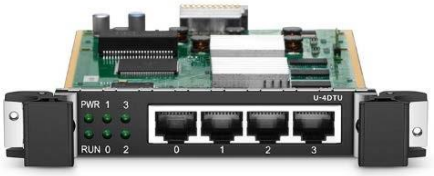


IP PBX-U503

- Supports up to 800 Users and 100 Concurrent Calls
- Supports Secondary Developed System Based on Asterisk Open Source
- Web GUI Configuration, Telnet Management
- Flexible Dial Plan Based on LDAP phonebook
- Ideal for Contact Centers and Mid-size Enterprises

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1.5 U-Series Telephony Cards



U-4DTU

- Support 4 E1/T1 Ports
- Compatible with PBX-U502 and PBX-U503 to Expand PBX Functionality
- Hot-Swappable for Flexible Configuration
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI
- PSTN Trunking Allows IP-PBX to Route Calls to Traditional PSTN



U-4FXU

- Support 4 FXS and 4 FXO Ports
- Compatible with PBX-U502 and PBX-U503 to Expand PBX Functionality
- Hot-Swappable for Flexible Configuration
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI



U-8FXS

- Support 8 FXS Ports
- Compatible with PBX-U502 and PBX-U503 to Expand PBX Functionality
- Hot-Swappable for Flexible Configuration
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI



U-8FXO

- Support 8 FXO Ports
- Compatible with PBX-U502 and PBX-U503 to Expand PBX Functionality
- Hot-Swappable for Flexible Configuration
- Replace Analog Line Connections with SIP Trunking to Allow Reduced Call Costs
- Full Plug-and-Play Support From the Web GUI

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1.6 VOIP Gateways (T Series)



VDG-T1001

- Support 1 Configurable E1/T1/J1 Port, up to 30 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Flexible Call Routing to Reduce Communication Costs and Improve Interworking
- Connect Existing ISDN PBX to VoIP and Retain the Dialing Habits



VDG-T1002

- Support 2 Configurable E1/T1/J1 Ports, up to 60 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Flexible Call Routing to Reduce Communication Costs and Improve Interworking
- Connect Existing ISDN PBX to VoIP and Retain the Dialing Habits

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1.7 VOIP Gateways (S Series)



VDG-S1002

- Support 2 Configurable E1/T1 Ports, up to 60 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Connect Existing ISDN PBX to VoIP and Retain the Dialing Habits
- Supports Secondary Development



VDG-S1001

- Support 1 Configurable E1/T1 Port, up to 30 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Connect Existing ISDN PBX to VoIP and Retain the Dialing Habits
- Supports Secondary Development



VDG-S1004

- Support 4 Configurable E1/T1 Port, up to 120 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Connect Existing ISDN PBX to VoIP and Retain the Dialing Habits
- Supports Secondary Development



VDG-S2004

- Support 4 Configurable E1/T1 Ports, up to 120 Concurrent Calls
- Simple Installation and Management with easy-to-navigate Web GUI
- TLS and SRTP Security Encryption Technology to Protect Calls and Accounts
- Compatible with Various ISDN PBX, IP-PBX, and Softswitch
- Supports Secondary Development
- Support Echo Cancellation (Octasic® DSP)

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2. Core Parameter Comparison

2.1 IP Phones

ID	#139597	#139598	#151310	#151311
Product Model	FIP-3102	FIP-5112	FIP-5220	FIP-7220
Picture				
SIP Account	2	12	20	20
LCD Display	2.3"(132x64) Black and White Screen	2.8"(320x240) Color LCD	7" (1024x600) Color Touch Screen	4.3" (480x272) Color LCD
Local Phone Book	1000	1000	2000	2000
Audio Conferencing	6	6	6	10
Programmable DSS Keys	2	35	45	92
Call Logs	600	1000	1000	1000
Adjustable Angles	45°, 50°	45°, 50°	45°, 50°	40°, 50°
Operating System	Linux	Linux	Linux	Android 9.0
Support PoE	YES	YES	YES	YES
Price	US $59	US $99	US $169	US $279

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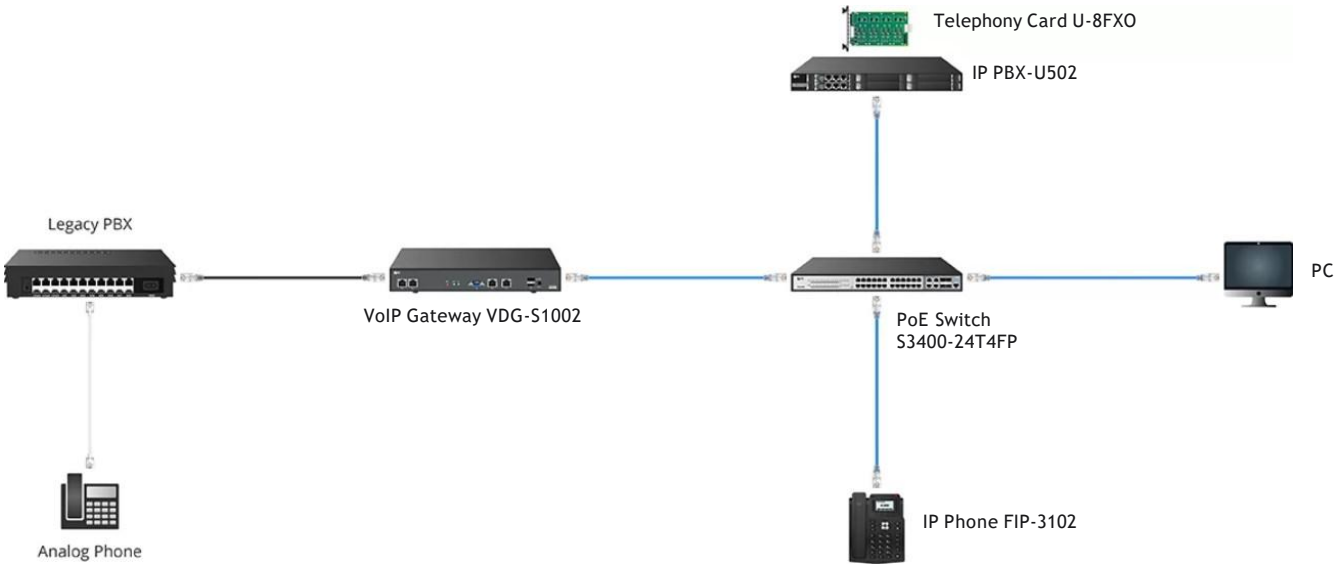
2.2 IP-PBX

ID	#193782	#193783	#193784	#140512	#140397
Model name	IP PBX-D301	IP PBX-D302	IP PBX-D503	IP PBX-U502	IP PBX-U503
Picture					
SIP Users	100	200	600	500	800
Concurrent Calls	50	80	150	60	100
VOIP outside line	100	200	600	60	100
Interactive Voice Response (IVR)	Multi-level	Multi-level	Multi-level	Multi-level	Multi-level
VPN Server/Client	YES	YES	YES	YES	YES
CPU	ARM 4 Core	ARM 4 Core	2.41GHz Dual-core Intel Processor	Distributed multicore cpus	Distributed multicore cpus
System Memory	8GB SD Card	8G SD Card+ 1TB Suveillance HDD	16GB EMMC + 1TB Suveillance HDD	32G EMMC	32G EMMC
RAM	1GB DDR3	1GB DDR3	4GB DDR3L	512M	512M
Recording/Voicemail Duration	400hrs	15000hrs	15000hrs	400hrs	400hrs
Max no.of Co lines	4	8（2*D-4FXO）	8（2*D-4FXO）	-32（4*U-8FXO）	32（4*U-8FXO）-
Max no.of Analoge Extension	4	8（2*D-4FXS）	8（2*D-4FXS）	32（4*U-8FXS）	32（4*U-8FXS）
Max no.of digital relay lines(E1/T1)	not support	not support	2（2*D-DTU）	16（4*U-4DTU）	16（4*U-4DTU）
SIP/IMS Trunks	Unlimited	Unlimited	Unlimited	-	-
DTMF	RFC4733/SIPINFO/In-band	RFC4733/SIPINFO/In-band	RFC4733/SIPINFO/In-band	RFC2833/Signal/Inband	RFC2833/Signal/Inband
Power Supplies	DC 12V，1A	AC 100~240V, 50/60Hz, MAX1.5A	AC 100~240V, 50/60Hz, MAX1.5A	Dual power supply redundancy	Dual power supply redundancy
Ethernet Interface	WAN, LAN (10/100Mbps)	WAN, LAN (10/100/1000Mbps)	WAN, LAN (10/100/1000Mbps)	WAN, LAN (10/100/1000Mbps)	WAN, LAN (10/100/1000Mbps)
Installation	wall mounting type	rack-mount design	rack-mount design	rack-mount design	rack-mount design
Price	$499.00	$899.00	$1,599.00	$919.00	$1,399.00

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3. VOIP Connectivity Solution

VoIP phones connect to the voice communication system through the network, and the IP PBX provides rich and powerful features to help enterprises manage VoIP phones. At the same time, VoIP phones can be paired with VoIP gateways to achieve efficient concurrent calls, allowing enterprises to work more intelligently, more easily, and more closely with the help of powerful unified communications



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