

DSP9301 DSP9302 DSP9303

Intercom Server



DSP9301



DSP9302



DSP9303

Description

This series of intercom servers is a multifunctional unified communications device for small and medium-sized enterprises worldwide. Based on the SIP standard and featuring a modular design, it integrates a wide range of functions including VoIP telephony, virtual fax, audio conferencing, call recording, Busy Lamp Field (BLF), and paging/intercom. The system is easy to manage and maintain, with simple upgrades and capacity expansion. It is an ideal solution for SMEs to quickly build their own unified communications system, enhancing corporate image and improving operational efficiency.

The DSP9302 and DSP9303 feature a removable modular design, with each device equipped with two module slots. The DSP9301, on the other hand, uses an onboard module design.

Features

- Busy Lamp Field (BLF)
- Caller ID Display
- Do Not Disturb (DND)
- Web Extension (WebRTC)
- Extension User Interface
- Call Logs (up to 500,000 records)
- Call Queue
- Call Parking
- Call Forwarding
- Call Transfer
- Call Waiting
- Call Recording
- One-Touch Recording
- Video Calls
- Voicemail
- Paperless Fax
- Audio Conferencing
- DISA

- Paging & Intercom
- Direct Inward Dialing (DID)
- Call Blacklist
- Smart Direct Line
- Quick Installation Wizard
- Dialing Permissions
- Feature Codes
- Wake-Up Call Service
- One Number, Multiple Devices
- Music on Hold
- Phonebook
- LDAP Server
- Departments (Ring Groups, Pickup Groups)
- Automatic Phone Provisioning
- Automatic Extension Expansion Module Provisioning
- Speed Dial
- SIP & IAX Extension Registration
- DHCP Server
- System Backup & Restore
- T.38 Fax Passthrough
- USB Extended Storage Support
- GeoIP Security Policy
- Audio Codecs: G.722, G.711-Ulaw, G.711-Alaw, G.726, G.729, GSM, SPEEX, Opus
- Video Codecs: H.261, H.263, H.263+, H.264, VP8
- VPN Server (PPTP / OpenVPN)
- VPN Client (PPTP / OpenVPN)

Specifications

Model	DSP9301	DSP9302	DSP9303
Number of Extensions	Up to 100	Up to 200	Up to 600
Concurrent Calls	Up to 30	Up to 60	Up to 150
Concurrent Conferences	Up to 30	Up to 60	Up to 150
Recording & Voicemail Storage	Up to 400 hours	Up to 15,000 hours	Up to 15,000 hours
Memory	1 GB	1 GB DDR3	1 GB DDR3
Storage	8 GB SD Card	1 TB HDD	1 TB HDD
Busy Lamp Field (BLF)		Supported	
Caller ID Display		Supported	
Call Queue		Supported	
Call Forwarding / Call Transfer / Call Waiting		Supported	
Call Recording		Supported	
DISA & Paging / Intercom		Supported	
Audio Codecs	G.722, G.711-Ulaw, G.711-Alaw, G.726, G.729, GSM		
Video Codecs	H.263, H.263+, H.264		
Dialing Permissions		Supported	
One Number Multiple Devices		Supported	
Music on Hold		Supported	

Skype for SIP	Supported
SIP & IAX Extension Registration	Supported
Network Access	Static IP / DHCP / PPPoE
System Backup & Restore	Supported
HD Video Calls	Supported
Web Extensions (WebRTC)	Supported
Operating Temperature	0 °C–40 °C
Storage Temperature	-20 °C–55 °C
Humidity	5–95% RH, non-condensing

Front / Rear Panel

DSP9301



- 1 x Reset Button
- 1 x Power Input (DC 12V 2A)
- 2 x Network Ports (WAN/LAN: 10/100Mbps)
- 2/4 x Analog Ports (FXO/FXS)
- 1 x USB Port (for expanded storage)
- 1 x Console Port (for debugging)

Notes: DSP9301-S does not support analog ports. DSP9301 supports 2 analog ports. DSP9301-A4 supports 4 analog ports.

LED Indicators

Indicator	Function	Status	Description
PWR	Power Status	Solid	Power connected
		Off	Power disconnected
SYS	System Status	Solid	System initializing
		Blinking	System running
		Off	System load failed
WAN	WAN Port Status	Solid	Connected, no data transmission
		Blinking	Connected, data transmitting
		Off	Not connected
LAN	LAN Port Status	Solid	Connected, no data transmission
		Blinking	Connected, data transmitting

		Off	Not connected
1-4	FXO Port Status	Solid Red	Port initialization successfully
		Off	Port initialization failed
1-4	FXS Port Status	Solid Green	Port initialization successfully
		Off	Port initialization failed

DSP9302

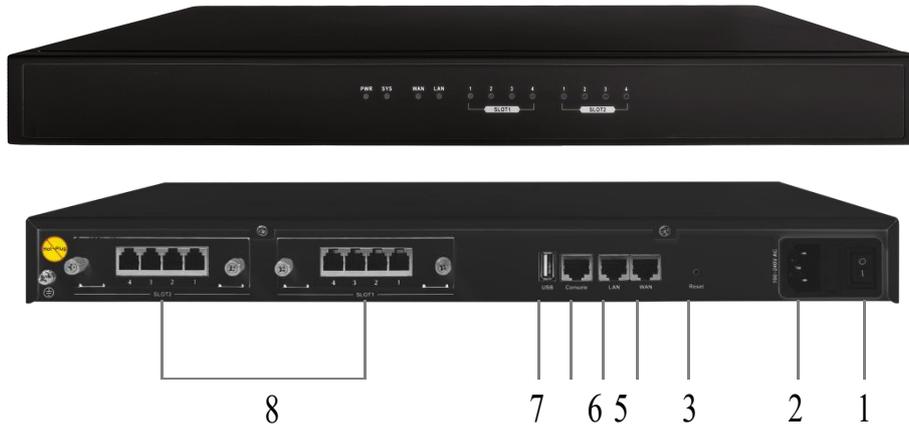


- 1 x Reset Button
- 1 x Power Input (DC 12V 2A)
- 2 x Network Ports (WAN/LAN: 10/100Mbps)
- 1 x USB Port (for expanded storage)
- 1 x Console Port (for debugging)
- 2 x Module Slots (support 4FXO, 4FXS, 2/4GSM modules)

LED Indicators

Indicator	Function		Status	Description
PWR	Power Status		Solid	Power connected
			Off	Power disconnected
SYS	System Status		Solid	System initializing
			Blinking	System running
			Off	System load failed
WAN	WAN Port Status		Solid	Connected, no data transmission
			Blinking	Connected, data transmitting
			Off	Not connected
LAN	LAN Port Status		Solid	Connected, no data transmission
			Blinking	Connected, data transmitting
			Off	Not connected
1-4 (SLOT1/2)	Module Slot Status	FXS	Solid Green	Port initialization successfully
			Off	Port initialization failed
		FXO	Solid Red	Port initialization successfully
			Off	Port initialization failed
		GSM	Solid Red	Port initialization successfully
			Off	Port initialization failed

DSP9303



No.	Item	Description
1	Power Switch	Used to turn the power on or off.
2	Power Input	100–240V AC.
3	PWR Button	Used to start up or shut down the IP PBX system.
4	WAN Port	10/100/1000 Mbps Ethernet port.
5	LAN Port	10/100/1000 Mbps Ethernet port.
6	HDMI Port	High-definition video interface for connecting a display.
7	USB Port	Used to connect a USB keyboard or USB storage device.
8	Module Slots	Two module slots for installing interface modules. Supported modules: 4FXS, 4FXO, 2/4GSM, E1/T1.

LED Indicators

Indicator	Function	Status	Description		
PWR	Power Status	Solid Green	Power connected		
		Off	Power disconnected		
SYS	System Status	Blinking	System running		
		Off	System startup failure		
WAN/LAN	WAN/LAN Port Status	Blinking	Data transmission		
		Off	Not connected		
1-4 (SLOT1/2)	Slot Status	FXO	Solid Red		
			Off		
		FXS	Solid Green		
			Off		
		GSM	Solid Red		
			Off		
		E1/T1 PRI R2	L1	Solid Red	Module loaded
				Off	Module load failed
			L2/L3	Red / Off	CPE signaling
				Green / Off	NET signaling
Off / Red	SS7 signaling				
Off / Red	R2 signaling				
L4	Solid Green	Connection established			
	Off	Connection failed			