

D3SW IP PHONE

The D3SW IP Phone supports 2.4G Wi-Fi and single 100M Ethernet port. Its high voice quality, hands-free, simple keys, and multi-scenario usage mode deliver great productivity for enterprises and operators — with full IPv4/IPv6 support and broad IP PBX compatibility.

6 SIP Accounts | 2.4G Wi-Fi | 2.4" Colour Screen | OpenVPN



01 OVERVIEW

The Cerdik D3SW is an economical Wi-Fi IP phone engineered for enterprise unified communications and operator cloud voice. Featuring a 2.4" colour TFT LCD, 6 SIP accounts, 2.4GHz 802.11b/g/n Wi-Fi, 13 programmable keys, and multi-scene DSS expansion (up to 12 keys), the D3SW brings wireless flexibility without compromising on call quality or security. With OpenVPN, auto provision, CDMP support, and compatibility with all major PBX platforms, it is ideal for flexible office and mobile desk deployments.

02 WHY CHOOSE D3SW

WHY/01 2.4G Wi-Fi Flexibility

Eliminates cable constraints while maintaining enterprise-grade performance — perfect for open-plan offices and hot-desking environments.

WHY/02 2.4" Colour Screen

Full-view 320×240 TFT display delivers clear call information, contact navigation, and menu interaction in vivid colour.

WHY/03 Multi-Scene Productivity

13 programmable keys with up to 12 expandable DSS keys — personalize button layouts to match individual workflows.

WHY/04 HD Hands-Free Audio

Sealed electroacoustic cavity with HD full-duplex speakerphone and AEC ensures crystal-clear hands-free calls.

WHY/05 Secure & Easy Deployment

OpenVPN, auto provision (WAN/LAN), CDMP device management, and broad PBX compatibility for rapid, secure rollouts.

03 KEY FEATURES

◆ 2.4G Wi-Fi (802.11b/g/n)	◆ 2.4" TFT colour LCD, 320×240 pixels
◆ 6 SIP accounts, 2 line buttons	◆ 13 programmable keys (Multi-Scene)
◆ 12 expandable DSS keys	◆ HD full-duplex speakerphone (AEC)
◆ OpenVPN, IEEE 802.1X	◆ 3-way conferencing
◆ Local phonebook up to 1,000 contacts	◆ LDAP, XML remote phonebook
◆ Auto provision (DHCP, PnP, RPS, TR069)	◆ CDMP Centralized Device Management

04 TECHNICAL SPECIFICATION

DISPLAY & BASIC		DISP
SCREEN	2.4" TFT LCD, 320×240 pixel, full-view colour	
SIP ACCS	6 SIP accounts, 2 line buttons	
PHONEBOOK	Local up to 1,000 contacts	
CALL LOG	400 total (dialed/received/missed/forwarded)	
KEYS		KEY
STATUS IND.	1 Status Indicator	
LINE KEYS	2 Line keys	
SOFT KEYS	4 Soft keys	
NAV KEYS	5 Navigation keys	
VOLUME	2 Volume keys	
FUNC KEYS	6 Function keys (Voicemail, Mute, Redial, Headset, Hands-free, Cancel)	
SPECIAL	1 Multi-scene key	
CALL FEATURES		CALL
BASIC	Call Forward, Transfer, Waiting, Hold, Auto Answer, Redial, Mute, DND	
CONF	Local 3-Way Conferencing, Speed Dial, Voice Mail, Hotline	
IP PBX	Intercom, Paging, Call Pickup, Call Park, Anonymous Call	
GROUP	Group Pickup, DND & Call Forward State Synchronization	
AUDIO FEATURES		AUD
CODECS NB	G.711(a/μ), G.729A/B/AB, G.726, iLBC	
CODECS WB	G.722, L16	
FEATURES	VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC	
RINGTONES	5 (system or custom), 8-level volume adjustable	
STANDARD	G.165 and G.168	
WI-FI FEATURES		WIFI
BAND	2.4GHz based on IEEE 802.11b/g/n	
QOS	Enhanced support for IEEE 802.11e QoS	
NETWORK FEATURES		NET
IP	IPv4 & IPv6, OpenVPN, IEEE 802.1X	
SIP	Proxy mode, Peer-to-Peer, DNS SRV (RFC3263)	
DTMF	In-band, RFC2833, SIP INFO	
OTHER	STUN NAT Traversal, RPORT, HTTP/HTTPS web server, syslog	
SECURITY		SEC
PROTOCOL	TLS, HTTPS, SRTP	
ENCRYPT	AES encryption for configuration files	
ACCESS	Phone lock, Admin/User level access control	
MANAGEMENT		MGT
PROVISION	FTP/TFTP/HTTP/HTTPS, DHCP Option 66/128–254, PnP, RPS, TR069	
CONFIG	Web interface / phone UI, Import/Export CFG, Periodic update	
PLATFORM	CDMP Centralized Device Management Platform	
PHYSICAL		PHY
POWER	DC 5V–0.6A	
PORTS	1× RJ45 Ethernet, 1× RJ9 headset, 1× RJ9 handset	
POWER CONS.	2.1W maximum	
TEMP	Operating: -10 – 50°C, Humidity: 10 – 90%	