

6 SIP Accounts Economical IP Phone

D20/D21



The D2X series is a dual port fast ethernet IP phone with 6 SIP accounts and 2-line buttons. Its "monochrome screen, HD speaker, simple fixed buttons, unique appearance and exquisite details" bring customers higher work efficiency and user experience. It is a cost-effective economical IP phone specially designed for office. It supports IPV6 and IPV4, with full "user, network, deployment, security" feature and good IPPBX and network compatibility. It's suitable for enterprise unified communications and operator cloud voice. Its innovative multi-scene usage mode greatly enhances the work efficiency of economical IP phones.

Why choose D2X series

- ▶ Personalized multi-scenario usage mode. Users can set the button mode according to the usage requirements and habits, which sets a new efficiency benchmark for the entry-level phone.
- ▶ Multi-Scene feature can expand 12 DSS keys.
- ▶ More convenient operation by adding the usage help information.
- ▶ Higher level voice quality by using sealed electroacoustic cavity and high-level electroacoustic devices.
- ▶ Excellent hands-free voice quality with larger HD speaker.
- ▶ Full view screen.
- ▶ OPUS codec supported.
- ▶ OPEN VPN, LLDP and 802.1X supported.
- ▶ Anti-electromagnetic feature on handset and speaker, such as mobile phones.
- ▶ Power protection measures to avoid machine damage caused by wrong operation.
- ▶ Support Atcom Device Management Platform(ADMP)
- ▶ Convenient deployment, support auto provision via WAN and LAN.
- ▶ Perfectly compatible with leading IP PBX platform and third-party interface management supported.

	D20	D21
PoE	N	Y
100M	Y	Y

D2X Technical Specifications

Basic functions	128*64 graphic character dot matrix with full view of backlight LCD, 6 SIP accounts, Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Local 3-Way Conferencing, Speed Dial, Voice Mail, Local Phonebook (up to 1000), Direct IP call without SIP proxy, Black list, Dialed/Received/Missed/Forwarded call (400 total), Call Center Headsets mode
Shortcut functions	Multi-scene feature, Guide user document, 13 programmable keys, One key to arrive menu, One key to read the phone information, Intelligent search for phonebook, Dial assistant
IP PBX Features	Intercom, Paging, Call pickup, Call park, Anonymous call, Anonymous call rejection, Hold on music, Conference Call, Group pickup, DND&Call forward state synchronization, Call Recording
Multi-language	English, German, Italian, French, Spanish, Portuguese, Russian, Simplified or Traditional Chinese, Polish, Turkish, Hebrew
Advanced Features	LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging
Audio Features	5 ringtones (system ringtone or custom ringtone) article, 8 volume adjustable & Mute mode, Narrowband codec: G.711(a/μ), G.729A/B/AB, G.726, iLBC, OPUS, Wideband codec: G.722, L16, Support VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC
Network Features	IPv4&IPv6, VIAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN NAT Traversal, RPORT. Support QoS(IEEE802.1Q/p VLAN tagging) and layer 3 QoS(ToS,DiffServ,MPLS). SIP connection mode: Proxy mode, Peer to Peer. Support DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO. HTTP/HTTPS web server. LAN/PC: support bridge mode, Support auto negotiation, Package tracing via PC port. Package tracing export by web. Support DHCP Option12 host name and Option 60 Vendor Class ID. Support syslog
Security	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock, The administrator/user level access control
Management	Configurable through web interface/phone
Auto provision	FTP/TFTP/HTTP/HTTPS, DHCP Option 66 or custom Option 128~254, PnP, Redirection Provisioning Service (RPS), TR069(Supported by special firmware), Import/Export CFG file via web, Generate multiple configuration files via tool, Periodic check and update
Physical	Power Interface: DC 5V-1A, PoE power supply: IEEE 802.3af Class 2 (D21) 2x RJ45 10/100M adaptive Ethernet ports, 1x RJ9 headphone jack, 1x RJ9 handset jack
Keys Features	1 Status Indicator, 2 Line keys, 4 Soft keys, 5 Navigation keys, 2 Volume keys, 5 Function keys (Voicemail, Mute, Redial, Headset, Hands-free), 1 Multi-scene key
Temperature and Humidity	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
Package	Qty/CTN: 20 PCS, G.W/CTN: 17.2-18.5KG, Giftbox size:220mm(L) *180mm(W) *90mm(H) Carton Meas: 450mm(L) * 450mm(W) *364mm(H)
Certifications	CE: EN62368、EN55032、EN61000-3-2、EN61000-3-3、EN55035 FCC: Part15B     
PBX Compatibility	Broadsoft Asterisk Elastix Trixbox Freeswitch Huawei Avaya Mitel Unify ZTE Epygi