

ERICSSON DIALOG 1400 TELEPHONES



Ericsson Dialog 1400 Telephones

Dialog 1400 telephones are SIP- based telephones specially designed for operation with EMS (Enterprise Multimedia Server). Together with EMS, Dialog 1400 Telephones are auto-configured in a "plug and play" manner. As SIP telephones,

they can be used with other SIP PBX's or servers. But the maximum functionality is offered only with EMS.

The Dialog 1400 offers a full range of phones, from a basic business model to a full-featured advanced business model with a large, high-definition graphical display.

Dialog 1401



A basic model with a two-line display, yet with full SIP phone functionality. 6 programmable function keys with LEDs, navigation button, handsfree operation, programmable ringer volume and tone character, integrated headset port, personal phone book

Dialog 1403



An advanced model for the business user, equipped with adjustable graphical display (128 x 64 pixels). 12 programmable function keys with LEDs, 4 soft keys, navigation button, hands free operation, programmable ringer volume and tone character, integrated headset port, personal phone book

Dialog 1402



A powerful office model with a two-line adjustable display. Dedicated keys provide the user with direct access to the most commonly used functions. 12 programmable function keys with LEDs, 4 soft keys, navigation button, handsfree operation, programmable ringer volume and tone character, integrated headset port, personal phone book

Dialog 1404



A business class model with an adjustable high-definition graphical display (240 x 128 pixels). 12 programmable function keys with LEDs, 4 soft keys, navigation button, hands free operation, programmable ringer volume and tone character, integrated headset port, personal phone book Large LED on top of the phone indicating an incoming call.

Technical descriptions

	Dialog 1401 DBC 401 01/011	Dialog 1402 DBC 402 01/011	Dialog 1403 DBC 403 01/011	Dialog 1404 DBC 404 01/011
Display	2x16 characters	2x24 characters, semi-graphical	128x64 pixels, graphical, backlit	240x128 pixels, grayscale graphical, backlit
Programmable Function keys with LED	6	12	12	12

Key Panel Unit

A key panel unit can be connected to the Dialog 1402, 1403 and 1404 models offering an additional 42 programmable keys with LED.

Power

All Dialog 1400 phones have a built-in 2-port Ethernet switch and they can all be powered either from a 5 V DC adapter or by Power over Ethernet (IEEE 802.3af Class 1). The external power supply uses switched technology and provides a stabilized 5 V 2A DC output. Input is 110V – 230V AC. The external power supply comes with plugs for use in the European Union, the United Kingdom, and a universal plug that works with standard power strips). All components are packed into one box.

Connectors

- 1 x LAN, 1 x PC: RJ45 (Ethernet)
- Power: 5V DC
- Handset: RJ 11 connector
- Headset: RJ 11 connector

User Interface

- Caller ID
- LED message waiting indicator
- Address book with 100 local entries (dialog 1404: 250 local entries)
- Speed dialing
- Number guessing
- Call list
- Call waiting indicator
- Clock
- Handling of 4 (Dialog 1401) or 12 (Dialog 1402/1403/1404) simultaneous calls
- Menu-driven user interface
- Ring tone selection, import of individual ring tones
- URL dialing support
- National language support for selected languages (NLS)
- Do not disturb
- Speakerphone (full duplex)

Call features

- Hold
- Blind or attended transfer
- Music on hold support
- Call divert
- Conferencing
- Call park, call pick-up
- Call completion

- Call waiting/switching between calls
- Call redial
- Multiple audio device support

Security, Quality of Service

- HTTPS (server/client)
- Transport Layer Security (TLS)
- SRTP (RFC 3711), SIPS
- RTCP
- VLAN (802.1pq)

Codecs, Audio

- G.711 A-law,
- G.729A, G.723.1, G.727
- GSM 6.10 (full rate)
- G.722
- Comfort noise, voice activity detection

SIP

- RFC 3261 compliance
- UDP, TCP and TLS
- Digest/basic authentication
- Loose routing and strict routing support
- PRACK (RFC 3262)
- Error information support
- Reliability of provisional responses (RFC 3262)
- Early Media support
- DNS SRV (RFC 3263), redundant server support
- Offer/answer (RFC 3264)
- Message waiting indicator (RFC 3842), subscription for MWI events (RFC 3265)
- Dialog state monitoring (RFC 4235)
- In-band DTMF/out-of-band DTMF/SIP INFO DTMF
- STUN client (NAT traversal)
- ENUM (RFC 3261), NAPTR (RFC 2915), rport (RFC 3581), REFER (RFC 3515)
- Event list subscription support (RFC 4662)
- Auto provisioning with PnP
- Busy lamp field support (BLF)

Installation

- Automatic software update
- Automatic settings retrieval via HTTP/HTTPS/TFTP when installed with the EMS system
- Installation via web interface for non-EMS installations
- Static provisioning, DHCP
- NTP

Ericsson AB
SE-126 25 Stockholm
www.ericsson.com/enterprise

28701-EN/LZT 102 3945 RA
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