ERICSSON DIALOG 4000 IP TELEPHONES

The IPerformance telephones for your business

The Dialog 4000 IP telephones are IP telephones that harness the combined power of the customers' existing data network and Ericsson communication system. Elegant and sophisticated, the Dialog 4000 IP telephones is the intelligent solution to simplified, cost-effective migration to the world of IP. Ericsson calls it IPerformance.

IPerformance means **excellent voice quality and telephony services.**

IPerformance means **upgradeable.** Remote upgrading of configuration or software simplifies operation and maintenance. The IP telephones are ready to take on coming technical enhancements.

IPerformance means **up-to-date.** The Dialog 4000 IP telephones features all standard requirements demanded today. Latest environmental and safety regulations are implemented.

IPerformance means **secure**. The Dialog 4000 IP telephones are embedded with enhanced security and safety including local office survivability. Ease of use and ease of maintenance are focus areas for the new IP platform development and will continue to be so in future feature improvements.

ERICSSON ⊰

TAKING YOU FORWARD

Dialog 4425 IP Vision version 2

Dialog 4422 IP Office version 2

IPerformance features

- Easy migration to IP telephony
- Elegant design and superior ergonomics
- Superior environmental standards
- Easy operation and maintenance
- User mobility

IPerformance telephones

- Dialog 4420 IP Basic
- Dialog 4422 IP Office
- Dialog 4425 IP Vision

Excellent voice quality and telephony services

- Support for Ericsson MX-ONE™, BusinessPhone, and MD Evolution telephony systems
- Speaker for monitoring, e.g. to listen to tele-services (e.g. interactive voice system, news or weather forecast).
- Equipped with hearing aid support and acoustic shock protection
- Quality of Service: packet prioritization for speech and signaling according to Diffserv. Layer 2 quality of service.

Minimum PBX requirements Communication system	Minimum requirement
MX-ONE™ Telephony System	Telephony Server 2.0 or Telephony Switch
MD110	BC12 Service Pack 9 or later version
BusinessPhone	Version 7.0
MD Evolution/EBN	Version 8.0 c
Ericsson EBG	Version 3.1.6

Calling features	
Emergency call support	•
Fixed number assignment	•
Monitor speaker	•
Mute function	•
Volume control	•
Programmable ring tones (max. volume >72dBA)	10
Speed dialing	•
Increased hearing level for users with impaired hearing	•
Acoustic chock protection: ETS 300 245-2	•

VoIP features	
DHCP	•
RTCP, IETF RCF 3550	•
Quality of Service IEEE 802.1p&q and Diffserv	•
VLAN support IEEE 802.1p&q	•
Support for codecs: G.711, G.729a, G.729ab, G.723.1	•
H.323 V4	•
Branch office survivability support	•
Prepared for SIP support	•

Dialog 4420 IP Basic

Dialog 4420 IP Basic is positioned as the entry-level IP telephone primarily intended for use in non communications-intensive areas like office receptions, general meeting/service areas, manufacturing and retail floors.

Dialog 4422 IP Office is the mid-range IP telephone offering functionality needed for users working in an efficient business environment. It is also well suited as a convenience phone in public/service areas.

Dialog 4425 IP Vision is the high-end IP telephone with advanced features including multiple line handling and graphical display built to handle users every need. It can also be used in small conference rooms.

Upgradeable

With the 3rd generation hardware, we also introduce a new IP platform prepared for further implementation of advanced functions and features, following the natural evolution of the IP world

- Support for firmware download from a web server - enabling new functionality with coming telephony system software releases - making the telephone future proof
- Support for all major voice compression Codec's enabling bandwidth saving
- Prepared for encrypted signaling and media

Up-to-date

- Security authentication against a RADIUS server using EAP protocol (IEEE 802.1x)
- Support for remote site survivability, for branch offices equipped with Ericsson Branch Gateway (EBG)
- PoE power class 1 (Power over Ethernet IEEE 802.3af). Enabling centralized power supply - and thereby also power supply back up possibility. The telephones will automatically identify for less than 4W.
- Compliant with the EU directive on Restriction of Hazardous Substances (RoHS)

Product features Ericsson Dialog IP telephones	4420 IP Basic	4422 IP Office version 2	4425 IP Vision version 2
Dimensions (HxWxL)	92x159x230 mm	92x159x230 mm	102x240x234 mm
Function keys with LED	12	13	23
Programmable keys	7	7	17
Support for extra key panel with 17 keys	•	1	4
User mobility: log on and call	•	•	•
Hands free speaker, full duplex/AEC	•	•	•
Headset port and key	•	•	•
Programmable ringer tones	•	•	•
Option unit, support for external bell or busy signal	•	•	•
Call list	•	•	•
Personal Contacts (up to 1000)	•	•	•
Graphical Display, LCD	–	128x25 pixel	320x80 pixel
Adjustable viewing angle	–	•	•
Adjustable contrast	–	•	•
Back light	–	–	•
Internet browser	–	–	•
Central corporate directory	–	–	•

Common features	
Keys	Comment
Programmable keys	•
Function keys with LED	•

Power	
Power over Ethernet (PoE), IEEE 802.3af power class 1	48 V DC
Power adapter (optional) input: Output:	100-230 V AC 24 V AC
Average consumption using PoE	2 W
Average consumption using power adapter	3 W
Support for AC/AC external power supply	•

Special features	
2 port Ethernet switch, 10/100 BaseT/TX (autosense)	•
Integrated web server for maintenance	•
Colour	Light grey or dark grey
Firmware download from a web server	•

Environmental conditions	
Operating temperature	+5° - +45°C
Storage temperature	+/-0°- +70°C
Relative humidity:	5 – 90%

Regulatory compliance	
Acoustic chock protection: ETS 300 245-2	•
Hearing Aid Compatibility: ITU-T P.370 (8/96) and FCC; Part 68, subpart D American.	•
EU RoHS directive 2002/95/EC	•
More info: www.ericsson.com/sdoc	

Accessories

- Pull-out leaf kit for number directory
- Telephone toolbox on CD-Rom including Designation Card Manager (DCM) software and user guide/quick reference guide in PDF format: http://www.ericsson.com/enterprise/library/manual.shtml
- Country dependant AC/AC Power supply unit
- LAN cable

Service and support

If you need technical assistance, please contact your local Ericsson service partner. A list of certified service partners can be found at www.ericsson.com

Recycling

Ericsson Dialog 4000 IP telephones are recyclable. Please contribute to the prevention of waste by sending used equipment to environmentally certified treatment facilities.

Ericsson ensures environmentally sound handling and recycling of equipment sent to any one of our collection points.

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