

# Optimized Wireless Phone for Seamless Communications, iPECS WIT-400HE

iPECS WIT-400HE is a Wireless LAN phone that delivers enhanced mobility for your business communications. Integrating with Ericsson-LG call platforms, WIT-400HE provides seamless and reliable communications and improves your business productivity.

## Productivity enhancement via integrated system features

Tightly integrated system features make the WIT-400HE a perfect business mobility terminal. The Industry proven iPECS family, Ericsson-LG's IP PBX solution, has completed interoperability test for sophisticated business features. Users can broadcast their voice to multiple peers by simply pressing a Push To Talk (PTT) button on the handset, then WIT-400HE maintains open channels for instant half duplex voice communications. By using Linked Station Pair, users communications become seamless. Pairing a desktop phone or soft client with WIT-400HE matches ideal combination of true business communications. Not to mention Paging, Message wait indication, internal text messaging, door opening relay control and more.

## Customized cell planning for any size of business

Ericsson-LG's wireless LAN solution fits best for small office or branch offices where single cell planning is mostly accepted. Plug in any decent quality standard AP to the network, that will

cover most of the capital investment on wireless network infrastructure. Still, depending on the AP's channel handling capacity, AP can manage 2~8 simultaneous calls normally. If your challenge is in handling seamless handover within multi cell environment, upgrade the wireless infrastructure with adequate performance and brand. Any industry standard infrastructure will work with WIT-400HE. Although the solution is running on an open infrastructure, latest security technology ensures users business communications safe and sound.

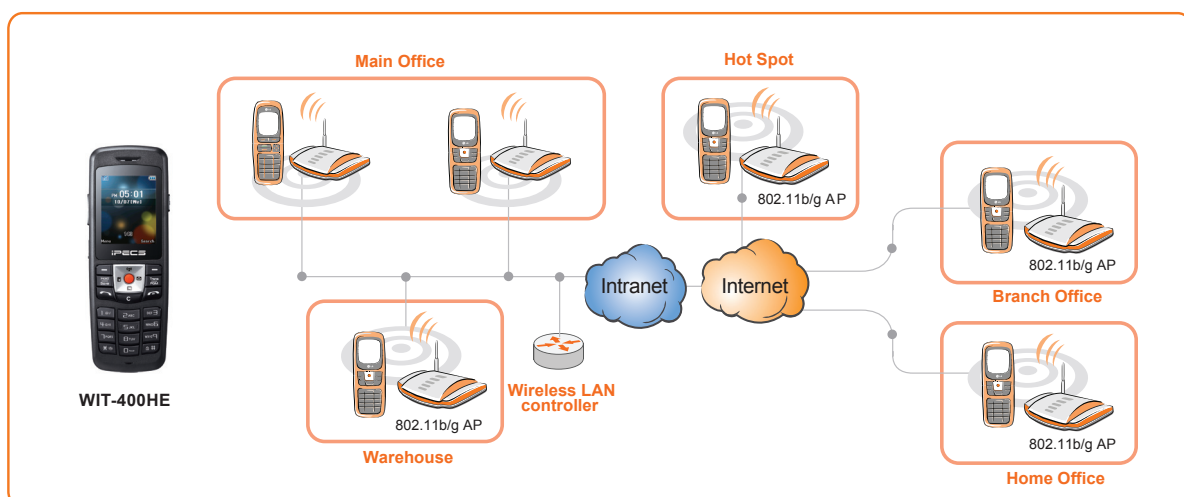
## Cost effective business mobility

Thanks to massively spread wireless network infrastructure 802.11b/g, users can simply access standard wireless access points to free their business communications rather than adapt themselves into the given closed infrastructure. Lowering management costs is also a deliverable value, especially when many terminals are deployed. Since Ericsson-LG integrates the WIT-400HE with all of its telephone systems, there is no additional gateway or controller required to support sophisticated system

features. Unpack and hook up any WIT-400HE to the network, it will then find the built-in provisioning server of Ericsson-LG's telephone system for automatic registration and latest S/W upgrade.

## Optimal design for everyday business environment

To make the handset work better for business purpose, a simple and robust design concept is applied for WIT-400HE. Damage proof shell design, internal antenna, dark grey color housing provides users with a firm and solid communications tool. Turn on the handset, you will find full color display panel with well arranged graphical menu. Interactive soft key and navigation key make the user interface even easier to use. For your convenience, you can attach an optional belt clip which helps snap in and out without hassle. WIT-400HE applies industry standard Micro USB port for battery charging either via desktop charger or direct connection to the handset.



## System Features\*

- Call Transfer
- Call Hold/Resume
- Call Forward
- Call Park
- Call Pick Up
- Call Waiting
- DND
- Speed dial
- Pre-defined & custom text display message
- Message wait indication
- One digit service on busy (Call wait, Camp on, Override)
- Extension program (Class change, Mobile extensionenable, Conference room, Morning call)
- Internal SMS
- Push To Talk
- Linked station
- Paging
- Auto Provisioning
- Online S/W Upgrade
- WLAN Profile
- Multi party conference(w/MCIM)

\*Full system feature supported later than iPECS LIK P5.5 and CM P2.0

## Hardware and Radio Specifications

Category	Description
Color	Black
LCD	2.0" / 65K TFT Color LCD (176 x 220 dot matrix)
Wireless Standard	802.11b/g
Transmit data rate	- 802.11b : 1, 2, 5.5, 11Mbps - 802.11g : 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps
Tx and Rx Frequency	2.412 – 2.472 GHZ (Operating band)
Wireless Access Protocol	CSMA/CA
Wireless Network Setup	SSID / AP Probe
Wireless Encryption	WEP : Support Disabled, 64bit, 128bit WPA-PSK, WPA2-CCMP
Noise	Under -64dBm (IDLE State)
Radio Output Power	Under 20dBm IEEE 54Mbps IEEE 802.11b/g
Battery	3.7V, 1150mAh / Lithium ion
Adaptor Input / Output Power	AC100~240V, 50/60Hz, 0.15A / 5.1V 0.7A
Continuous Talking/ Standby Time	3hrs / 50hrs
Size (H×W×D )	135 x 47 x 20mm / Charger 78 x 88 x 92mm
Weight:	100g (battery included) / Charger 73g
Operating Range	50m (In Office), 200m (Open Site)
Operating Temperature	0°C ~ 40°C

## Phone features

Registration, Manner & Lock mode, Mute, Redialing Call, Pre-dialing before sending, Volume Adjustment, Signal Strength Indicator, Caller ID, AP Scanning

**Call History Phone Book:** Add New, Search, Caller Groups, Speed, Dials, Delete All Messages, Write, Inbox, Outbox, Draft, Templates, Spam Message, Message Settings

**Tools:** Schedule, Memo, Alarm Clock, Calculator, World Time

**Timer Settings:** Sound, Display, Profile Settings, Wireless LAN Setting, Security, Multi Language

## Functional and Standard Specifications

Category	Description
Screen Theme	Animation : 5, Still : 15
Key tone/Ring tones	2 / 34
Transfer/Forwarding/Holding/ DND/Mute	Generic features
Clock	Real-world clock
SMS	Inbox/Outbox : 100/30 / Draft : 10
Call History	100
Phone Book/Caller Group	500/30
Speed Dialing	99
Memo/Scheduling/Calculator	Personal Information Manager
iPECS IPKTS setup	MFIM IP address
VoIP Protocol	IPKTS
Codec	G.711(A/U Law) / G.729 / G.722
Compatible Systems	iPECS-LIK(50/100/300), iPECS-CM
QoS	IEEE 802.11e

## Regulatory Specifications

FCC Part 15.247(C) ,FCC part 15.247(B), IC RSS210  
FCC Part 68 HAC , IC CS-03 Part V  
R&TTE Directive 1999/5/EC  
Korea Certification (KC)