

# Flexible and User-friendly IP Phone, iPECS LIP-8000E Series

Enjoy the wide selection of easy-to-use IP phones to enrich your communications experience. There are 7 types from entry level to professional business terminals, designed to best fit the users' business needs. The Ericsson-LG proprietary protocol provides fully integrated system features just like the conventional features in rich PBX solution.

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**LIP-8050E** High Executive Professional

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**Suitable User**  
· Remote worker, Executives, Managers

**Key Features**  
· USB Interface for local media play  
· Powerful and high quality speaker  
· 4.3" Color LCD




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**LIP-8040E** Professional

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**Suitable User**  
· Remote worker, Managers

**Key Features**  
· Advanced application such as attendants  
· Multiple line support




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**LIP-8024E** Professional

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**Suitable Use**  
· Remote worker, Managers, General office, Receptionists and Assistant

**Key Features**  
· Optimized attendant application  
· Most flexible buttons(24)




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**LIP-8012E** Standard

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**Suitable User**  
· Remote worker, General office

**Key Features**  
· 4way navigation key  
· Gigabit LAN port support  
· Open VPN for remote communication




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**LIP-8008E** Standard

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**Suitable User**  
· Remote worker, Small office, Receptionists

**Key Features**  
· Easy detection through LLDP-MED  
· Standard featured IP phone




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**LIP-8002E/8002AE** Entry

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**Suitable User**  
· Reception lobbies and meeting areas  
· Manufacturing and retail floors

**Key Features**  
· Affordable large deployment  
· Simple to use fixed features



## ACCESSORY

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**LIP-8040LSS**

· 40 keys w/ triple color LED  
· LCD underlay  
· Power supply via external or PoE up to 9




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**LIP-8012LSS**

· 12 keys w/ triple color LED  
· LCD underlay  
· Power supply via keyset up to 2




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**LIP-8048DSS**

· 48 keys w/ triple color LED  
· Paper underlay  
· Power supply via external up to 4




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**LIP-8012DSS**

· 12 keys w/ triple color LED  
· Paper underlay  
· Power supply via keyset up to 2




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**Bluetooth Module (E-BTMU)**

· Optional module  
· Bluetooth v2.1 + EDR  
· Speakerphone or handset calls on smart phone and Bluetooth headset



## LIP-8000E Series

	LIP-8050E	LIP-8040E	LIP-8024E	LIP-8012E	LIP-8008E	LIP-8002E/8002AE
<b>LCD</b>	4.3" Color WQVGA 480 x 272 pixels TFT Color LCD	9 line 240x144 pixels LCD white backlight	4 line 240x56 pixels LCD white backlight	3 line 240x42 pixels white backlight	4 line 140x48 pixels LCD	2 line 128x32 pixels LCD
<b>Backlit</b>	Yes	Yes	Yes	Yes	-	-
<b>Gigabit Support</b>	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / 1000 BASE-T	2 x 10 / 100 / BASE-T	2 x 10 / 100 / BASE-T
<b>Programmable keys</b>	5	10	24	12	8	4 (w/o BLF)
<b>Soft key</b>	3	3	3	3	3	-
<b>Navigation</b>	Yes	Yes	Yes	Yes	-	Yes
<b>Fixed keys</b>	8	8	8	8	8	8
<b>MWI</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>PoE</b>	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes (Class 2)	Yes(Class 1) / No
<b>Speaker Phone</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Bluetooth (E-BTMU)</b>	Yes	Yes	Yes	Yes	-	-
<b>DSS Connection</b>	All DSS/LSS	All DSS/LSS	All DSS/LSS	All DSS/LSS	8040LSS	8040LSS
<b>VPN (Open VPN)</b>	Yes	Yes	Yes	Yes	-	-
<b>LLDP-MED</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>USB (Host1.1)</b>	Yes	No	No	No	No	No
<b>802.1x/EAP-MD5/EAPOL</b>	Yes	Yes	Yes	Yes	Yes	No
<b>Auto/Remote upgrade</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Web Management</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Wall Mount</b>	Yes	Yes	Yes	Yes	Yes	Yes (optional)
<b>Active/standby Power consumption (Watt)</b>	5.0/3.0	2.71/2.19	2.52/2.10	2.75/2.35	2.45/2.05	1.93/1.8
<b>Dimension [HxWxD mm]</b>	206x235x129.3	206x235x129.3	206x235x129.3	206x235x129.3	176x232x129.3	112x195x195
<b>Weight[Net, g]</b>	981	957	982	975	950	640
<b>Codec</b>	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 722	G.711, 729 & 722	G.711, 729
<b>QoS</b>	Dynamic jitter buffering, 802.1p/Q, Layer 3 TOS, DiffServ					
<b>IP Address</b>	Static/DHCP					
<b>Protocol</b>	Ericsson-LG iPECS protocol					
<b>Security</b>	SRTPw/AES-128					
<b>Major Features</b>	Speed dialing, Redialing, Call holding, Call waiting, Call park/Call pick up, Call forwarding, Conference call, Volume up/down control, Caller ID, Distinctive ring/Multi-ring, Multi-lines, Direct mail/Messaging access, Directory/Phone book and full system features					

## DSS / LSS Option

Model	LIP-8012DSS	LIP-8048DSS	LIP-8012LSS	LIP-8040LSS
<b>Compatibility</b>	LIP-8012E/LIP-8024E/LIP-8040E/LIP-8050E			All LIP-8000E
<b>Flexible Button</b>	12	48	12	40
<b>Undelay Type</b>	Paper	Paper	LCD	LCD
<b>Maximum Connection</b>	2*	4	2*	9
<b>Number and IP Address</b>	N/A	N/A	N/A	Yes
<b>External Power</b>	N/A	Yes	N/A	Yes

\*When LIP-8048DSS is attached together, max. 4 DSS/LSS can be available.

## Bluetooth Module (E-BTMU)

### Hardware Specifications

- CPU : CRONUS 32 Bit CPU(ARM9, Max. 200MHz Core)
- Class 2 Level Output Power Available (Max. 4dBm)
- Bluetooth v2.1 + EDR
- Up to 10 meters range
- Master (for Headset) / Slave (for Smartphone) Mode support

### Product Features

- Connect with BT Headset or Smart phone (Master or Slave operation)
- Bluetooth Pairing: Bluetooth device searching, Pairing list display, Pairing and connecting

- Headset Profile, Hands free Profile, Phonebook Profile, FTP profile
- Phonebook: Max 3000 contacts, Max 1 MB (Size)
- FTP speed: 40 Kbps
- Volume steps: 11 steps
- Support Rings: 8
- Sound path switching between handset and Bluetooth Headset
- Audio switching between smart phone and IP Phone
- Support upgrade of E-BTMU : Upgrade via Bluetooth
- Display CID of smart phone
- Enhanced Bluetooth compatibility : BT Headset, Smart phone
- E-BTMU is not available with DSS/LSS together.