iPECS is an Ericsson-LG brand





Ericsson-LG Enterprise



Table of Contents

- Power up
- UI
- Application
- Registration
- NFC features



Power up

Initial sequence of Setup wizard

Turn on When connected to power, the phone will perform Setup Wizard for language and Protocol selection.



After initial power up, you could see "Select language"

Select "SIP" for Call Protocol



Home

The Home screen is the starting point of your phone, press "**Home**" button to access or return to the Home screen.





Home

Status & Notification area lets you quickly see both the notifications that you have received (on the left) and the phone's status (on the right), along with the current time.

- Status icons indicate the status of your phone.
- Notification icons indicate you have received notification.



Notification list



APPLICATIONS & WIDGETS

Applications: Default and Installed applications

- Application list support feature of launching application short cut
- User could add one to home screen from default application list.



APPLICATIONS







SIP Call



- Home screen has application icon area in the right side to provide interface to execute each application.
- SIP Call icon provide a way to jump into SIP call execution. Or by hang on handset / SPK button.

- The green colored station bar with number indicates call application in registered status at a CM.
- Idle screen of call application has fixed 12 flexible buttons in right side of the screen.
- In the center of soft buttons it provides tap up and down recent call log window.



Settings

Settings Menu



General system settings for.....

- Ethernet/Wi-Fi/Bluetooth
- Network Services
- NFC
- Sound
- Display
- Storage
- Applications
- Location access

- Security
- Language & input
- Factory Reset
- Add account
- Date & time
- Lock/Unlock Config
- About Phone
- Restart

| 🛑 1045_ 📾 🗮 | | 💁 🗇 5:00 PM |
|--|---|--------------------|
| Settings | | |
| WIRELESS & NETWORKS | IP Address | |
| 🔮 Ethernet | | |
| 🗢 Wi-Fi 🛛 OFF | VLAN | |
| Metwork Services | 802.1x | |
| Bluetooth OFF | | |
| N NFC | | |
| DEVICE | | |
| Sound | | |
| O Display | | <u></u> |
| Storage | | |
| 🛃 Apps | | |
| | | |
| — 1045_ 📾 🗮 | | 💁 🗗 5:05 PM |
| ● 1045_ 📾 🗮 🚎 Settings | | ୁ⊈団 5:05 PM |
| ● 1045_ 급 🗙 settings ◆ Location access | Software Update | 嚵 団 5:05 PM |
| 1045_ 📾 💥 Settings Location access Security | Software Update Status | ९ 日 5:05 PM |
| 1045_ at X Settings Location access Security Language & input | Software Update Status Network, and other information | ⊈ 団 5:05 PM |
| 1045_ at X Settings Location access Security Language & input Factory Reset | Software Update Status Network, and other information Audio Version 2015.06.10 | ⊈ 団 5:05 PM |
| 1045_ II × Settings Location access Security Language & input Factory Reset Accounts | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version | <u></u> ●① 5:05 PM |
| 1045_ at X Settings Location access Security Language & input Factory Reset Accounts Google | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version 6 Touch Panel Version | ⊈ 団 5:05 PM |
| 1045_ I X Settings Location access Security Language & input Factory Reset Accountrs Google Add account | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version 6 Touch Panel Version 2.2.7 | ९ 1 5:05 PM |
| 1045_ I X Settings Location access Security Language & input Factory Reset Accounts Google Add account SYSTEM | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version 6 Touch Panel Version 2.2.7 Model number LIP-9071 | ⊈ 団 5:05 PM |
| 1045_ I X Settings Location access Security Language & input Factory Reset Accounts Google Add account system Date & time | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version 6 Touch Panel Version 2.2.7 Model number LIP-9071 Android version | ⊈ 団 5:05 PM |
| 1045_ I X Settings Location access Security Language & input Factory Reset Accountrs Google Add account SYSTEM Date & time Lock/Unlock Config | Software Update Status Network, and other information Audio Version 2015.06.10 Hardware Version 6 Touch Panel Version 2.2.7 Model number LIP-9071 Android version 4.3 | 外 団 5:05 PM |



Settings

Call Settings Menu



Settings for call application.....

- Call forwarding
- Sound
- Call Preference
- Video Call Preference
- Call Idle Screen
- Reboot
- NFC Call Feature

- NFC Tag writing
- . Call forward
- . My account
- . NFC Tag Erase

| <mark>)</mark> 1045_ 🖬 🗮 | | 💁 🗊 5:13 PM |
|--------------------------|---------------------------|-------------|
| & Call Settings | | |
| Call forwarding | orwarding CALL FORWARDING | |
| Sound | Select Line | |
| Call Preference | Disable | ۲ |
| Video Call Preference | No Answer | 0 |
| Call Idle Screen | | |
| Reboot | On Busy | 0 |
| NFC Call Feature | Always | 0 |
| | | |
| | | |

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|-----------------------|-----------------|-------------|
| Call Settings | | |
| Call forwarding | NFC Tag writing | |
| Sound | Coll forward | |
| Call Preference | Call forward | |
| Video Call Preference | My account | |
| Call Idle Screen | NFC Tag Erase | |
| Reboot | | |
| NFC Call Feature | | |
| | | |
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Settings

SIP Configuration Menu



Configuration for SIP account.....

- SIP Server Address
- SIP Server Port
- Display Name
- User Name
- Authentication Name
- Authentication Password Proxy Registration
- Outbound Proxy Address Register Expires
- Outbound Proxy Port

- Backup Proxy Address
- Backup Proxy Port
- Local UDP Port
- Audio RTP Start Port
- Video RTP Start Port
- - VMS Address
 - Domain





Voice Call

Incoming call



Batty (1123)

.....

- > Philip Kim has contact entry of Batty with photo icon.
- > An incoming call from Britney.
 - Britney(1024) calling to Philip (1023)
 - The caller information comes from contact look up table including photo



Philip Kim (1045)





▲ Answered by Philip Kim



Voice Call

Outgoing call



Philip Kim (1045)

Batty (1123)



Video call



- Up to 720p@30fps HD resolution
- Support both local and remote screen
- Full size remote screen without local.





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Registration

From phone menu



Not Registered → Press Menu and Select "SIP config"



Select "Call setting"



Set parameters of Call Server / account

| 5_ 📾 | | 💁 🗊 10:30 AM |
|-----------------------|-----------------|--------------|
| 4 Settings | | |
| Call forwarding | CALL FORWARDING | |
| Sound | Select Line | |
| Call Preference | Disable | • |
| Video Call Preference | No Answer | 0 |
| Call Idle Screen | | |
| Reboot | On Busy | 0 |
| NFC Call Feature | Always | 0 |
| | | |
| | | |

Set other call options if needed

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From phone menu

The GREEN indicates \rightarrow success of registration.

| 5 01045_ 📾 | | | 2 | 21 | 10:32 AM |
|-------------------------|----------|----------|-----------|----------|----------|
| | : | ₽ | 1045_ | | |
| | : | ↓ | BLA 4591_ | St. | blf 1015 |
| $1 \cap \cdot \bigcirc$ | | 2 | blf 1011 | St. | blf 1016 |
| IU.S | | 2 | blf 1012 | st. | blf 1017 |
| | | £ | blf 1013 | <u>s</u> | blf 1018 |
| | | | | 5 | blf1019 |
| 🛱 Video Call 🛛 🗮 Recent | C Redial | | בא DSS | 1 | DSS Page |

Succeed to Registration



LIP-9071 NFC features

Supported features are Call Settings by an NFC Forum-compliant tag and Sharing an image, movie file with an Android compatible devices like smartphone.

| Supported features | Available NFC enabled-device |
|---|---|
| Call Settings (Call forwarding, My account) | Tag |
| Sharing Image, Movie files | Smartphone |
| Sharing Contacts, NFC Card | Tag, Smartphone |
| Sharing Web link, text, etc | Tag, Smartphone |
| Image: NFC Tag pad Tag on this pad | P2P Smartphone Swartphone NFC Tag Read/Write Solution |



NFC Tag writing

The configurations are two settings, "Call forward" and "My Account".

** Tag write/erase : SIP Call → Menu → Call Setting → NFC Call Feature Tag read : any screen except for "NFC Call Feature"

| 93079 | | 🔮 🗇 9:36 AM |
|-----------------------|-----------------|-------------|
| & Call Settings | | |
| Call forwarding | NFC Tag writing | |
| Sound | Call forward | |
| Call Preference | | |
| Video Call Preference | My account | |
| Call Idle Screen | NFC Tag Erase | |
| Reboot | | |
| NFC Call Feature | | |
| | | |
| | | |
| | | |



Call forward write

Write call forward information on a tag.

Prepare an NFC Forum compliant tag

- 1. Go to "NFC Call Feature" menu
- 2. Touch "Call forward"
- 3. Configure call forward information (No answer, On Busy, Always, Forward to)
- 4. Touch "Write" button
- 5. Tag the tag on the tag pad
- 6. Check if tag writing is success or not



1st Go to NFC Call Feature menu

2nd Call forward screen



Call forward write

| • | 3079 | | | 👲 🗊 11:19 AM |
|---|---------------------|-----------------|---------------|--------------|
| Ś | Call Settings | | | |
| | Call forwarding | NFC | C Tag writing | |
| _ | | Call Forwarding | | |
| | Call Preference | No Answer | | |
| | Video Call Preferen | On Busy | | |
| _ | Call Idle Screen | Always | | |
| | | Forward to | | |
| | | 3000 | | |
| | | Cancel | Write | |
| | | | | |
| | | | | |

3rd Configure call forwarding

| • | 3079 | | | 👲 🗊 11:40 AM |
|---|------------------------------------|--|-----------------|--------------|
| Ş | Call Settings | | | |
| | Call forwarding | | NFC Tag writing | |
| | | | Call forward | |
| | Call Preference | | | |
| | Video Call Preferen Notification | | | |
| | Call Idle Screen Your contents sto | | to NFC TAG. | |
| | | | Close | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Tag Write success



4th Tag Write Screen after "Write" button touch

| 3 | 3079 | | | 🔮 🗊 11:42 AM |
|---|---------------------|-------------------|-----------------|--------------|
| Ś | Call Settings | | | |
| | Call forwarding | | NFC Tag writing | |
| | | | Call forward | |
| | Call Preference | | | |
| | Video Call Preferen | Notification | | |
| | Call Idle Screen | Tag writing fail. | | |
| | | | Close | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Tag Write fail



My account write

Write my account information on a tag.

Prepare an NFC Forum compliant tag.

- 1. Go to "NFC Call Feature" menu
- 2. Touch "My account"
- 3. Configure your account information
- 4. Touch "Write" button
- 5. Tag the tag on the tag pad
- 6. Check if tag writing is success or not



1st Go to NFC Call Feature menu

2nd My account screen



My account write

| • 3 | 3079 | | | 👲 🗊 12:16 PM |
|-----|---------------------|----------------------------------|-------|--------------|
| S | Call Settings | | | |
| | Call forwarding | My account | | |
| | | Display Name 3079 | | |
| | Call Preference | User name(Number) | | |
| | Video Call Preferen | 3079 SIP Server Address | | |
| | Call Idle Screen | 150.150.141.44 | | |
| _ | | SIP Server Port(1024~320 5060 | 000) | |
| | | Authentication Name | | |
| | | Authentication Password | | |
| | | <u></u> | | |
| | | Cancel | Write | |

3rd Configure account information

| - 3079 | | 👲 🗊 11:40 AM |
|---------------------|----------------------------------|--------------|
| 🌜 Call Settings | | |
| Call forwarding | NFC Tag writing | |
| | Call forward | |
| Call Preference | Gairloiwalu | |
| Video Call Preferen | Notification | |
| Call Idle Screen | Your contents stored to NFC TAG. | |
| | Close | |
| | | |
| | | |
| | | |
| | | |
| | | |

Tag Write success

| 3079 | | 👲 🗇 11:20 AM |
|---------------------|--|--------------|
| Call Settings | | |
| Call forwarding | NFC Tag writing | |
| | Call forward | |
| Call Preference | Cali forward | |
| Video Call Preferen | Notification | |
| Call Idle Screen | Please tap your NFC compatible TAG Please tap and hold for 2 seconds. | |
| | Close | |
| | | |
| | | |
| | | |
| | | |
| | | |

4th Tag Write Screen after "Write" button touch

|) 30 [.] | 79 | | | 💁 🗊 11:42 AM |
|-------------------|-------------------|-------------------|-----------------|--------------|
| 📞 Ca | all Settings | | | |
| Ca | all forwarding | | NFC Tag writing | |
| | | | Call forward | |
| Ca | all Preference | | Can forward | |
| | deo Call Preferen | Notification | | |
| Ca | III Idle Screen | Tag writing fail. | | |
| | | | Close | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Tag Write fail



Tag Erase

Erase NFC call feature.

Prepare a tag to erase.

- 1. Go to "NFC Call Feature" menu
- 2. Touch "NFC Tag Erase"
- 3. Touch "Delete" button
- 4. Check if erasing is success or not

| - 3079 | | ⊈ 1 8:59 AM ○ 3079 | | | | 💁 🗇 8:59 AM |
|-----------------------|-----------------|---------------------------|--------------|--|--------|-------------|
| & Call Settings | | 📞 Call Sett | | | | |
| Call forwarding | NFC Tag writing | Call for | | ing NFC Tag writing | | |
| Sound | Call forward | Sound | | | | |
| Call Preference | | Call Preference | | NFC Tag Erase | | |
| Video Call Preference | My account | Video C | all Preferen | Ready to erase the content of tag? It can't be recovered after erasing. | | |
| Call Idle Screen | NFC Tag Erase | Call Idle | | | | |
| Reboot | | Reboot | | | | |
| NFC Call Feature | | NFC Ca | | Cancel | Delete | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

1st Go to NFC Call Feature menu

2nd Erase tag screen



Tag Erase

| - 3079 | | | 💇 🗊 9:02 AM |
|---------------------|------------------|-----------------|-------------|
| 💪 Call Settings | | | |
| Call forwarding | | NFC Tag writing | |
| | | Call forward | |
| Call Preference | | | |
| Video Call Preferen | Notification | | |
| Call Idle Screen | Erase successful | | |
| | | Close | |
| | | | |
| | | | |
| | | | |
| | | | |

| 3 | 3079 | | | | | 💁 🗇 9:03 AM |
|---|---------------------|-------------|---|-----------------|--|-------------|
| Ś | Call Settings | | | | | |
| | Call forwarding | | | NFC Tag writing | | |
| | | | | Call forward | | |
| | Call Preference | | | | | |
| | Video Call Preferen | Notificatio | n | | | |
| | Call Idle Screen | Erase fail | | | | |
| | | | | Close | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Tag Erase success

Tag Erase fail



Call forward read

Set call forwarding using NFC tag.

Prepare a call forwarding tag.

- 1. Tag the Tag in any screen mode except for the "NFC Call Feature" of call settings menu
- 2. Check call forwarding information on the dialog screen
- Touch "Apply" button or "Close".
 *** Touch "Apply" button with "Disable" checked when you want to disable call forward.
- 4. Check if the call forwarding is applied or not
- 5. Check if writing is success or not



Call forwarding screen from tag

Applied call forwarding



Call forward read



Disable Call forwarding

Call forwarding recover



My account read

Set your account on the terminal using NFC tag.

Prepare a my account tag.

- 1. Tag the tag in any screen mode except for the "NFC Call Feature" of call settings menu
- 2. Check my account information on the dialog screen
- 3. Touch "Apply" button or "Close" for cancelation.
- 4. *** Touch "Apply" button with "Disable" checked when you want to disable my account.
- 5. Check if writing is success or not
- 6. Check if the account is applied or not



1st My account screen from tag

2nd Apply my account



My account read



PECS

Dual set read (Call forward or My account)

Select one of two settings if there are two call settings on a tag.

Prepare a tag with call settings.

- 1. Tag the tag in any screen mode except for the "NFC Call Feature" of call settings menu
- 2. Check two call setting features on the dialog
- 3. Select one to be applied.
- 4. The process is the same as before after choosing one



1st Display dual settings

2nd Screen after Call forwarding selection



Contact sharing

Prepare an NFC card or Android smart phone.

If you tag an NFC card on the tag pad, screen shows a contact . At the same time the contact is automatically saved at the phonebook of LIP-9071. Also LIP-9071 can share contact with a smartphone using Android beam feature.



Shared contact view



Media file sharing

LIP-9071 can share a media file with Android compatible devices.

Prepare an Android compatible device to share some media file.

Install the Bluetooth dongle device to get the Media file from Smart phone.



1st Transfer progress

2nd Shared image view

