

# Download CipherConnect to Android Phones

## Prior to Use of CipherConnect



**CipherConnect** is a COM-to-key utility designed for CipherLab cordless scanners (e.g. 156x and 166x) to work as an input device for the Android device, enabling intensive data collection via Bluetooth Serial Port connection.

**CipherConnect** is ready downloadable via the Android market. Go on-line and browse the market for the applications:

-  **CipherConnect Pro** ... A free version with limited support
-  **CipherConnect Demo** ... A demo data processing utility

Follow the instructions below for the Download and Update on the mobile phone.

- Note** Get the latest update directly from CipherConnect Online Help site at <http://connect.cipherlab.com> or Google Play Store.
- Note** An external storage is required (e.g. SD card) for CipherConnect Demo.



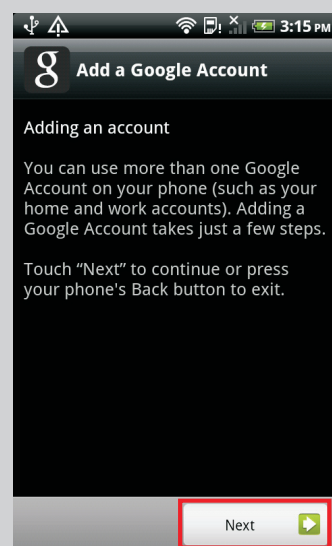
## Download and Update

On the Home screen, press the [menu] key.

Go to **All apps** and select **Play Store**.

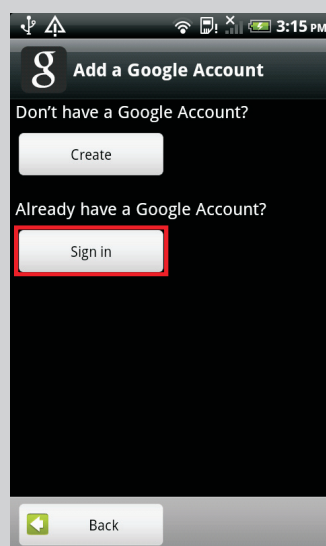
1

Touch [Next] to sign in with a Google account.



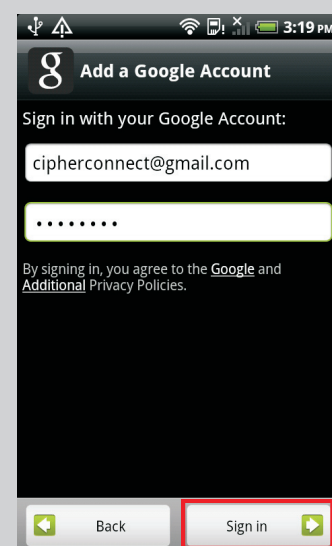
2

Touch [Sign in].



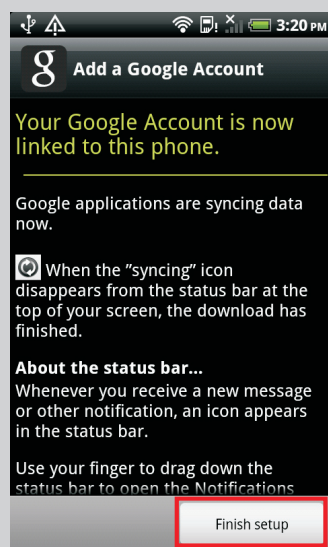
3

Input the username and password, and then touch [Sign in].



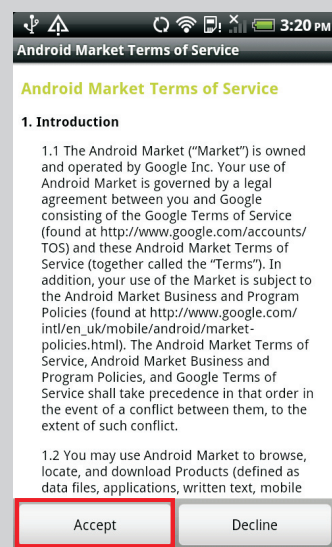
4

Touch [Finish setup].



5

Touch [Accept] to continue.



6

Touch the icon  to browse the market.



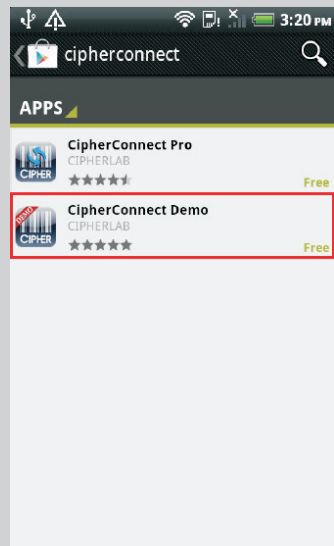
7

Type "cipherconnect" in the text field, and then touch [Enter].



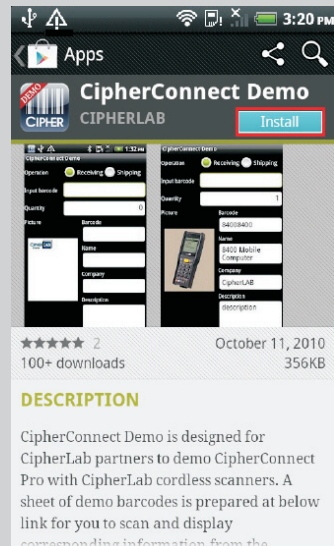
8

The search result (e.g. **CipherConnect Demo**) is displayed. Touch it to continue.



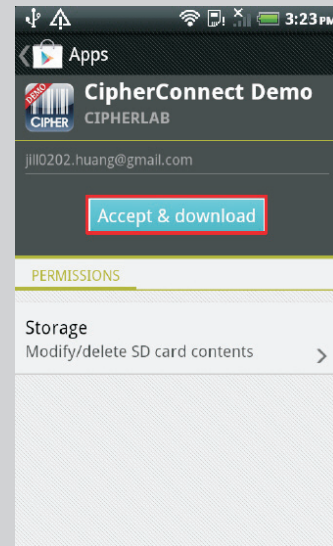
9

A description of the application is shown. Touch [Install] to install.



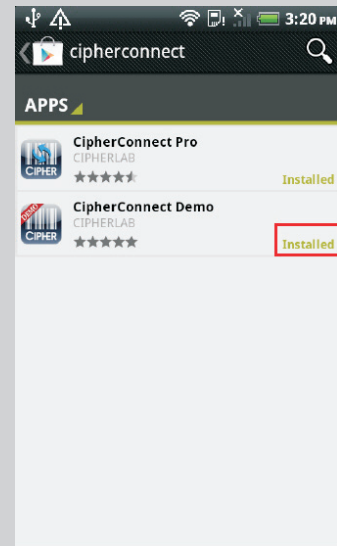
10

Touch [Accept & download] to download the application.



11

Once the download process is completed, the message "Installed" is displayed.



12



**CipherConnect Pro** is now free with limited support.

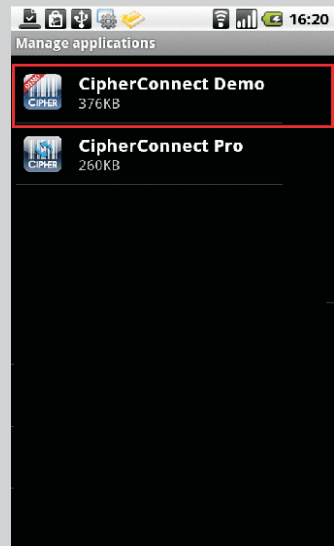
Install or update it from Google Play Store, please follow the instructions on-screen to complete the update.



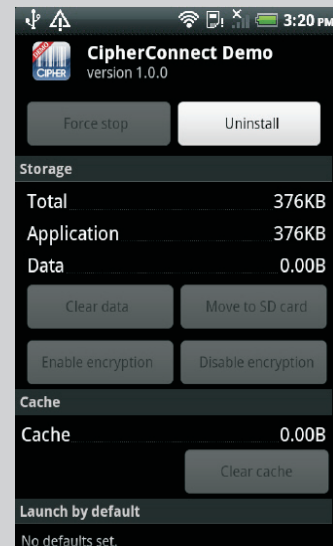
To uninstall **CipherConnect**, press the [menu] key on the Home screen.

Go to **Settings | Applications** and select **Manage applications**.

Select **CipherConnect Demo** from the application list.



The application info is displayed. Touch the highlighted buttons to execute desired commands.



## Configure CipherConnect for Android Phones

### Preparation for Scanner



**CipherConnect** is ready for use after successful downloads via the Android market. Working with CipherLab cordless scanners (156x and 166x), it can deliver optimal performance.

- 1 Turn on the scanner, and wait until the LED indicator becomes flashing blue.
- 2 Set the output interface as "BT SPP Slave".
- 3 Specify the PIN code for authentication.
- 4 The scanner is active at power-on for two minutes by default, waiting for a connection request from the mobile phone. Follow the instructions below for Connection and Configuration on the mobile phone.

**Note** The mobile platform must be Android 2.1 and above with SPP profile; 1660 firmware must be version 1.33 or later; 1661 firmware must be version 1.04 or later; 1662/1664 firmware must be version 1.00 or later; 1560/1562 firmware must be version 1.26 or later; 1564 firmware must be version 1.03 or later.

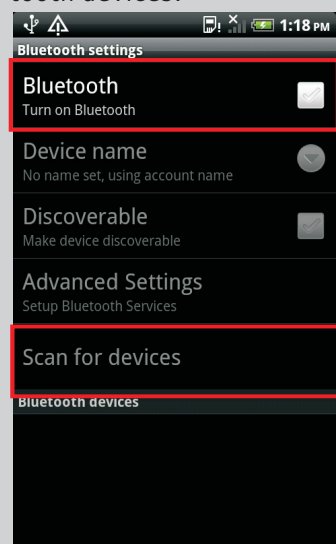
**Note** You may use a preset PIN code with the scanner. Yet, dynamic input of PIN is also supported. Refer to a separate scanner user guide for complete settings.

### Connection and Configuration

On the Home screen, press the [menu] key.

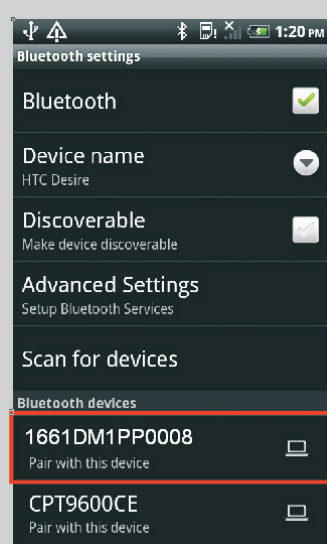
Go to **Settings** | **Wireless & networks** and select **Bluetooth settings**.

Touch **Bluetooth**. When the check box next to it becomes highlighted, touch **Scan for devices** to find nearby Bluetooth devices.



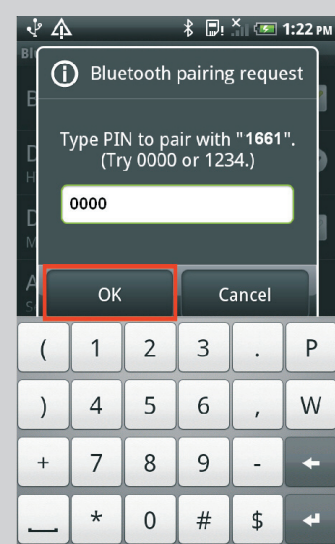
1

Select CipherLab scanner (e.g. 1661).



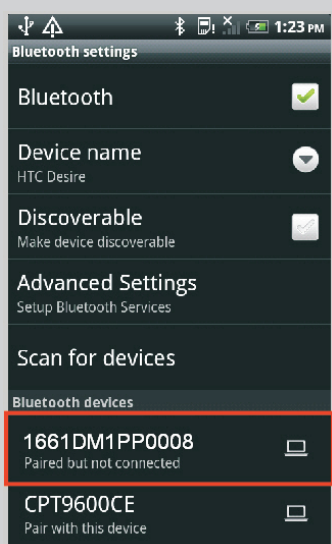
3

Input the preset PIN code of the scanner, and then touch [OK].



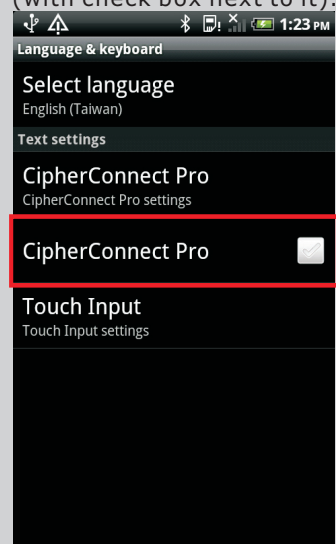
4

Once paired successfully, the message "Paired but not connected" is displayed beneath the device.



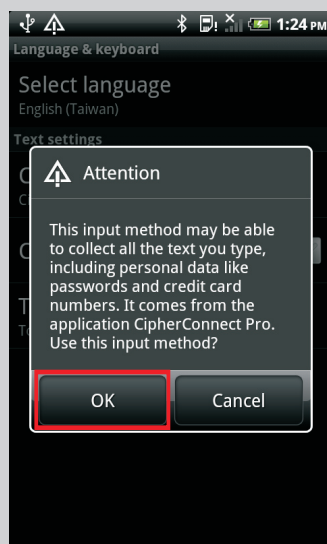
5

Press the [menu] key, and go to **Settings** | **Language & Keyboard**. Touch **CipherConnect Pro** (with check box next to it).



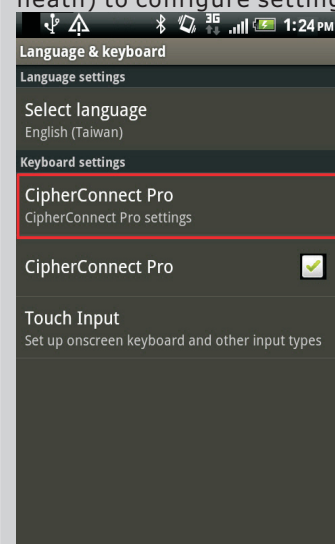
6

Touch [OK] in the **Attention** dialog box to confirm the usage of **CipherConnect Pro** as the input method.



7

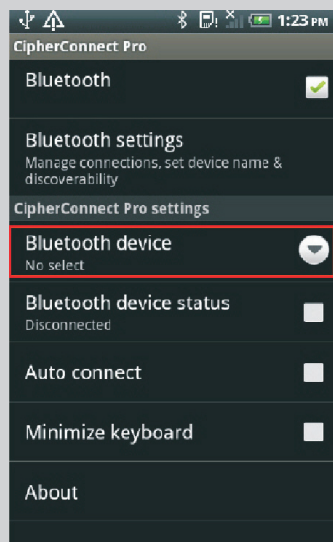
When the check box next to it becomes highlighted, touch **CipherConnect Pro** (with "settings" message beneath) to configure settings.



8

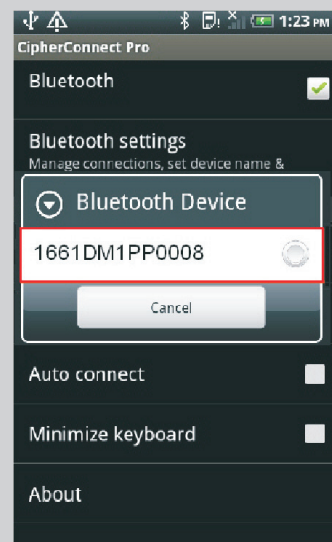


On **CipherConnect Pro** Setting screen, touch **Bluetooth® Device**.



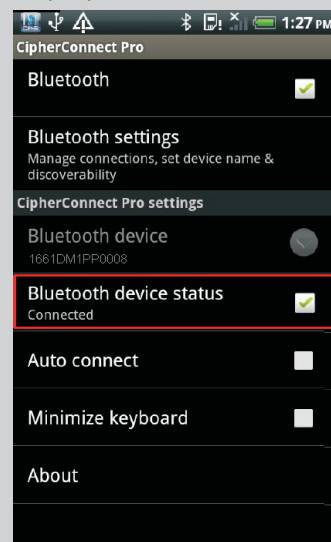
9

Select the scanner from the **Bluetooth® Device** list.



10

Touch **Bluetooth® Device Status** to connect to the scanner. Once connected, the message "Connected" is displayed beneath it.



11



We suggest that you enable [Auto Connect]. After initial connection, it can automatically connect to the scanner upon execution, or resume connection once connection error is resolved.

With Transmit Buffer enabled on the scanner, you can continue scanning data even when getting out of range.



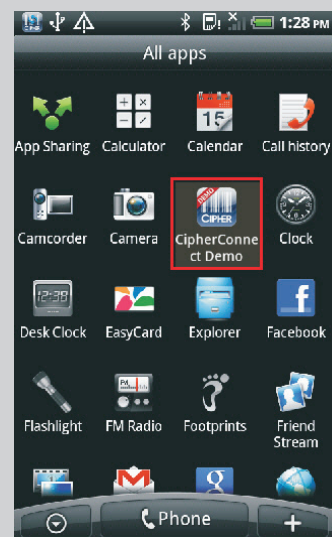
Connection Errors:

**Error** The scanner is getting out of range.  
**Action** Get back to range ASAP.

**Error** The scanner becomes inactive after standing by for two minutes at power-on.  
**Action** Press the blue key to wake up the scanner.

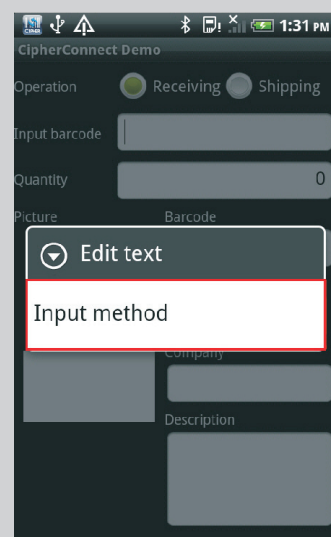
**Error** The scanner automatically shuts down after ten-minute idle.  
**Action** Press the [Power] key to turn it on.

Press the [menu] key on the Home screen, and go to **All apps**. Touch **CipherConnect Demo**.



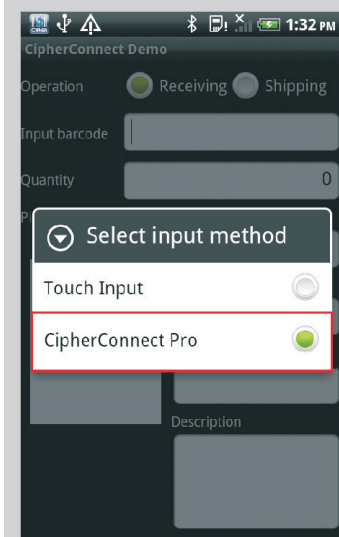
12

Touch and hold the input field "Input barcode", and then select [Input method] from the **Edit text** option.



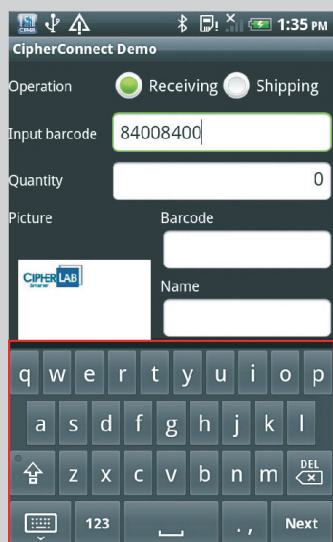
13

Switch the input method to **CipherConnect Pro**.



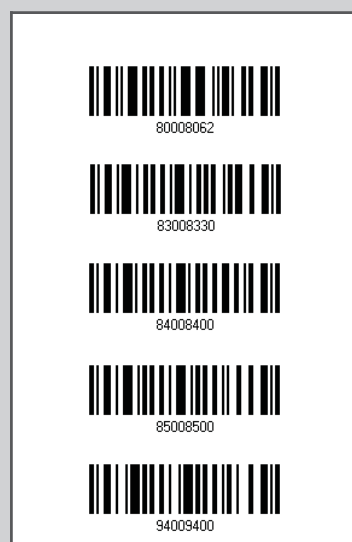
14

Once **CipherConnect** keyboard is displayed on the screen, trigger the scanner to read a testing barcode.

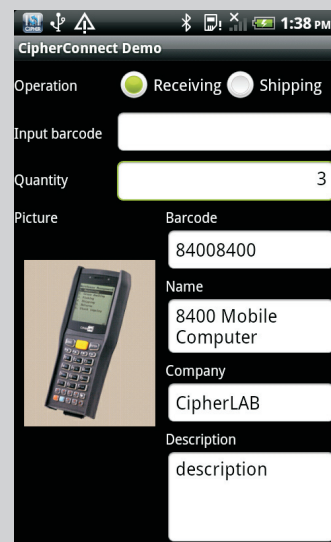


15

Testing Barcodes for Use with Demo Database



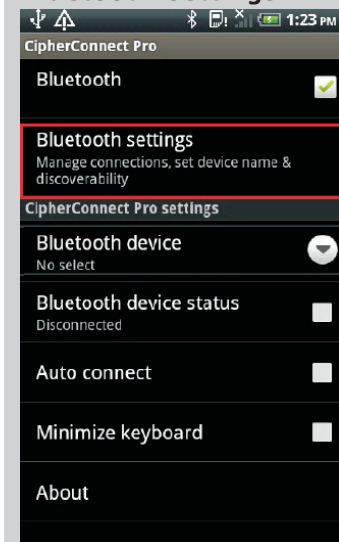
Take Receiving Operation for example. The barcode input will bring up product details from the demo database.



16



Configure the connection via **Bluetooth® settings**.

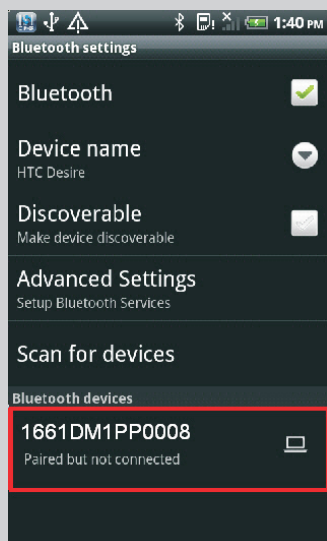




Tip

To unpair a device, see the following two steps.

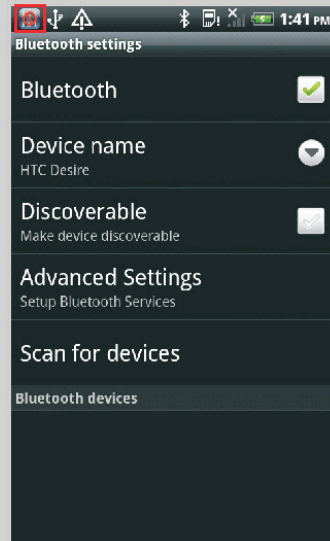
**Step 1:**  
On **Bluetooth® settings** screen, touch and hold the paired device.



**Step 2:**  
Touch [Unpair].



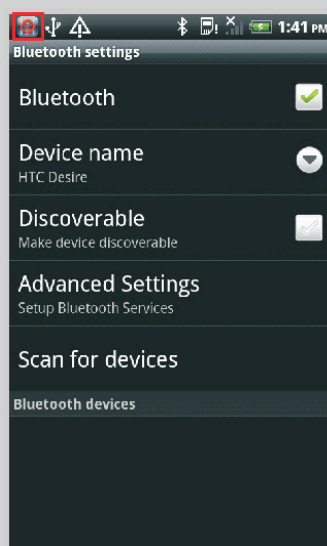
The **CipherConnect** icon on the status bar becomes  to indicate the mobile phone is disconnected with the scanner.



Tip

Check for the **CipherConnect** keyboard status.

See the **CipherConnect** icon on the status bar.



Learn the **CipherConnect** icon:

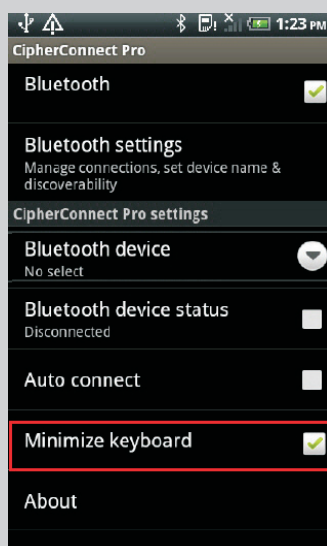
|                                                                                     |                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|    | Indicates the mobile phone is connected with the scanner.                                                            |
|  | Indicates the mobile phone is connecting to the scanner.                                                             |
|  | Indicates the mobile phone is disconnected with the scanner. Check if any of the connection error conditions is met. |



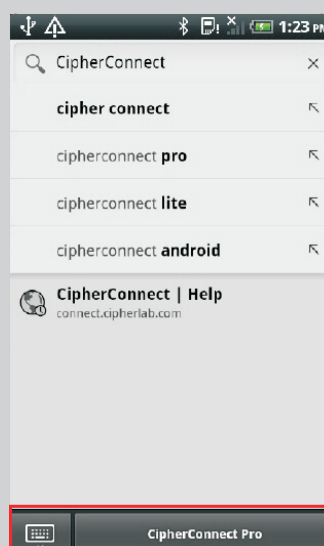
Tip

Select **Minimize keyboard** to reserve more screen spaces for showing application data.

On **CipherConnect Pro** screen, touch **Minimize keyboard**.



Minimize the keyboard to reserve more screen spaces for showing application data.



Copyright © 2012  
CipherLab Co., Ltd.