

Digital PDI User's Manual

Before Use

- ◆ Before using Digital PDI, read the instructions thoroughly for proper operation.
- ◆ This manual contains the basic instructions of Digital PDI.
- ◆ The instructions provided by this manual is subject to change without prior notice.
- ◆ The several features of Digital PDI application includes transfer data over cellular network which may result in additional fees. GIT has no liability for the additional fees from the usage of cellular network.

Safety Warning and Caution Before Use

This section contains WARNING and CAUTION for safe usage of product. Before using Digital PDI, user should read the following information.



WARNING

This indicates incorrect handling may result in a major accident involving death or serious injury.

- ✓ The HDP should be secured in a safe location when operating the vehicle to avoid interference with other vehicle equipment.
- ✓ Only use the specified adapters and cables when connecting the HDP module. (7~18VDC)
- ✓ Ensure all cables are properly connected during operation. Do not disconnect communication cable or power cables unless finished with the equipment.
- ✓ Do not disassemble the HDP module.
- ✓ Use only genuine accessory parts supplied by GIT.
- ✓ Never connect the device to equipment rather than vehicles.
- ✓ Products are to be stored within the right temperatures. (Refer to CAUTION)



CAUTION

This indicates incorrect handling may lead to injury or damage to property. Under certain conditions more serious consequences may result.

- ✓ Keep liquids and other contaminants away from the HDP.
- ✓ Do not drop the HDP.
- ✓ Do not place any objects (tools, manuals, etc.) on the HDP.
- ✓ Properly store all components when not in use.
- ✓ Do not store products in places where;
 - ✓ Extremely high or low temperature (Refer to feature of products)
 - ✓ Extremely high or low humidity (Refer to feature of products)
 - ✓ Inside a vehicle during summer season for a long time
 - ✓ Exposed to direct rays
- ✓ Avoid a shock or vibrations or under heavy weight.
- ✓ Avoid a shock or vibrations during shifting.
- ✓ Keep products away and store from moisture.
- ✓ GIT is not responsible for those causes that are generated by Mobile Phones or Tablet PCs, which are not recommended by GIT.
- ✓ Keep products away from flammable substances or places where fierce static electricity can occur.
- ✓ Products and accessories are not to be coated or painted with chemical substances or acid that can corrode the equipment.
- ✓ Do not expose the equipment to X-ray or Microwave. This might cause severe damage to the equipment.

Introduction

Thank you for purchasing the Digital PDI. Read the instructions thoroughly for proper operation of your Digital PDI.

Copyright

This Manual is copyrighted by Global Information Technology Co., Ltd. All rights reserved. No part of this manual may be reproduced in any form without the prior written permission of Global Information Technology Co., Ltd.

No patent liability is assumed with respect to the use of the information contained herein.

©2016 Global Information Technology Co., Ltd. All Right Reserved.

Disclaimer

Digital PDI specifications and manual are subject to change without notice. Global Information technology Co., Ltd. assumes no liability for damage incurred directly or indirectly from error, omission or discrepancies between the Mobile Phone, Tablet PC, VCI and the User Manual.

Introduction

HDP Identification and Functions



1	LED Status Indicator	Indicates the power, communication, Bluetooth status.
2	Mini USB Connector	USB connector for production.

HDP Specifications

Item	Specifications
CPU	ARM 32-bit Cortex™-M3 (STM32F105RCT6) @ 72MHz
Memory	Flash Memory 256KByte, SRAM 64KByte
External Serial Flash Memory	8MByte
Operating Voltage	7V ~ 18V
Operating Temperature	-10℃ ~ 50℃
Storage Temperature	-20℃ ~ 80℃
Current Consumption	Typical 120mA @ 12V Standby 3mA 이하 @12V
Bluetooth Protocol	Bluetooth 3.0 (Power Class 1)
CAN Interface	High CAN (Ch6, Ch14)
Wired Protocol	Mini USB (For production)
Dimension	53 X 52 X 24 mm
Case	ABS

HDP Connection

The HDP is used for inspecting the vehicle systems.

The HDP and Digital PDI is paired via Bluetooth communication and must be set up as figure below.

준비

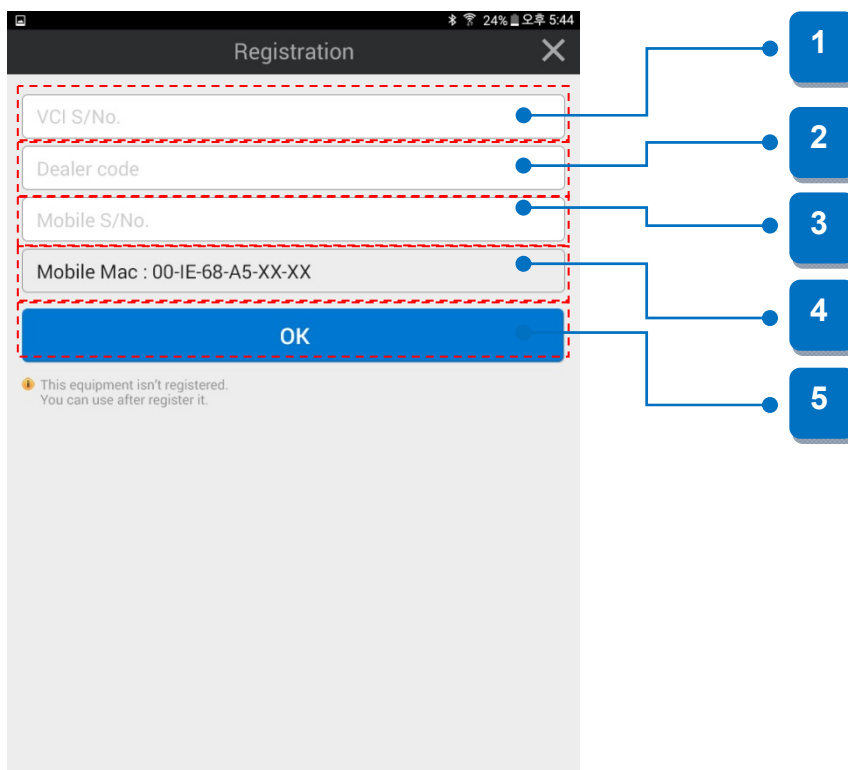


Notice

- ✓ HDP must be connected to OBD-II connector of vehicle.

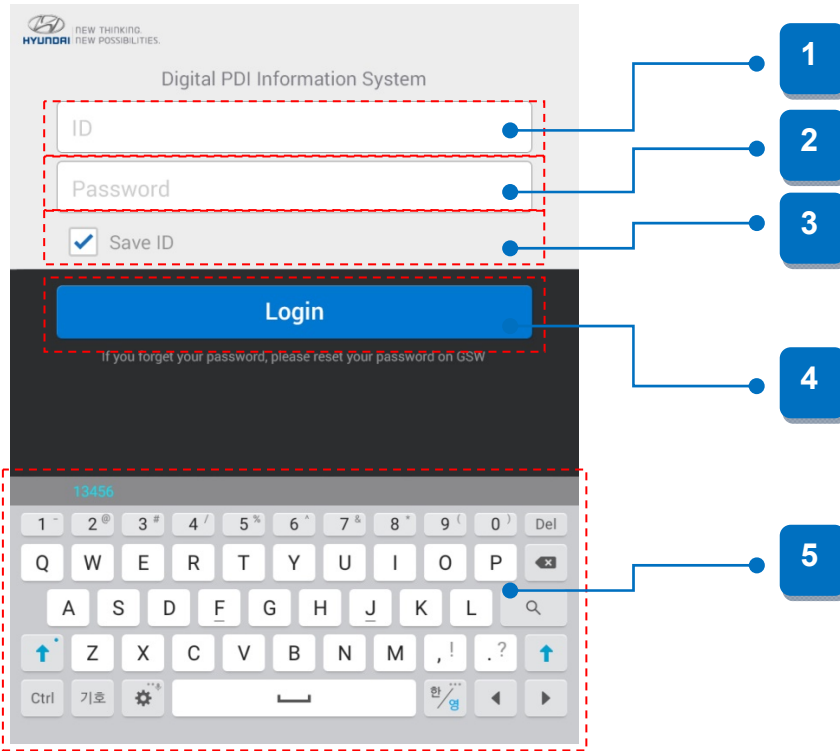
Screen Layout and Basic Operation

• Registration



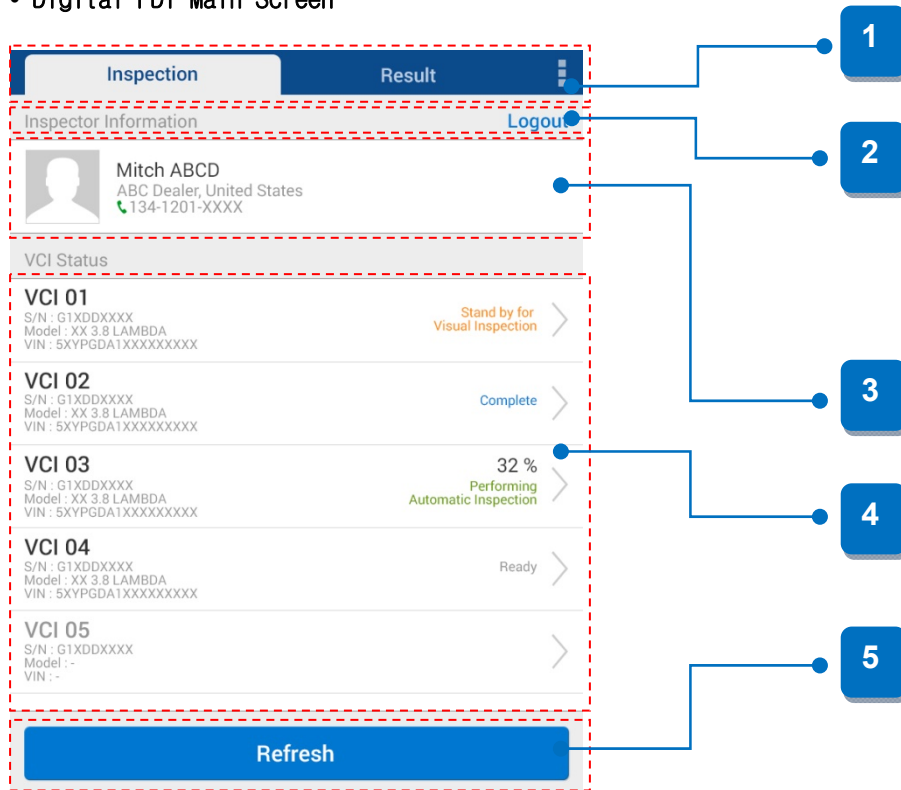
1	VCI S/No.	Type HDP serial numbers.
2	Dealer Code	Type Dealer code.
3	Mobile S/No.	Type mobile serial numbers.
4	Mobile Mac	Mobile MAC address is automatically filled out.
5	OK Button	Checking the validation with server once all items are filled out and tap [OK] button.

• Login



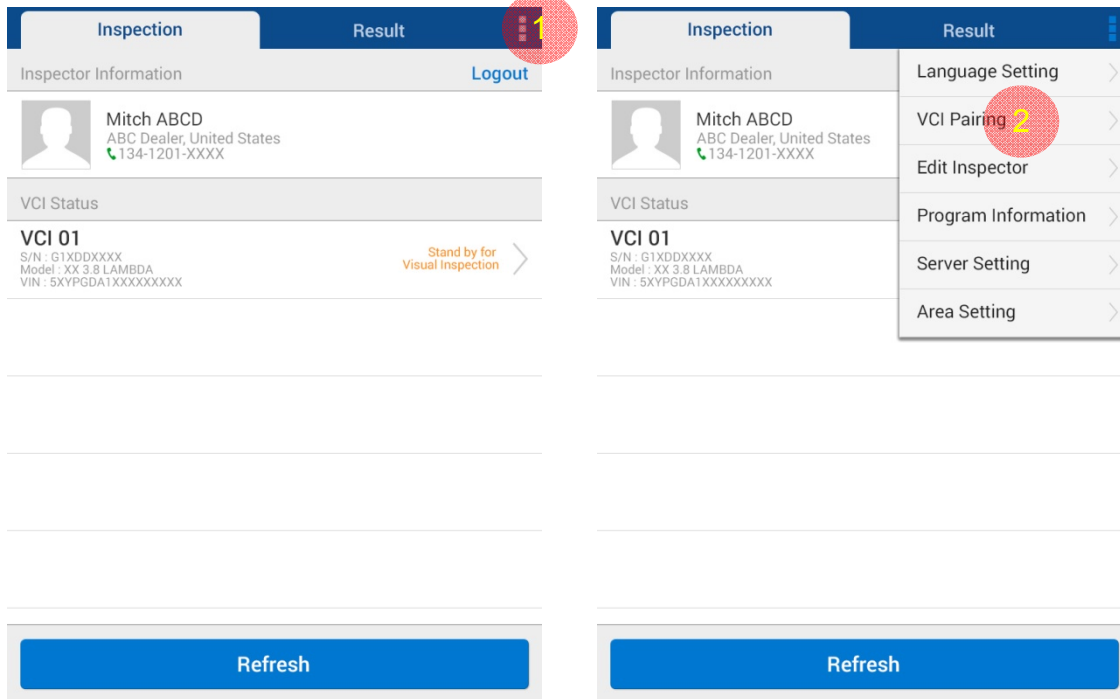
1	ID	Type ID of inspector.
2	Password	Type password of inspector.
3	Save ID	Remembers the ID of inspector when checked.
4	Login Button	Checking the validation with server and displays the main page once ID and password is filled out and tap [Login] button.
5	Keyboard	Onscreen keyboard that provided on OS.

• Digital PDI Main Screen

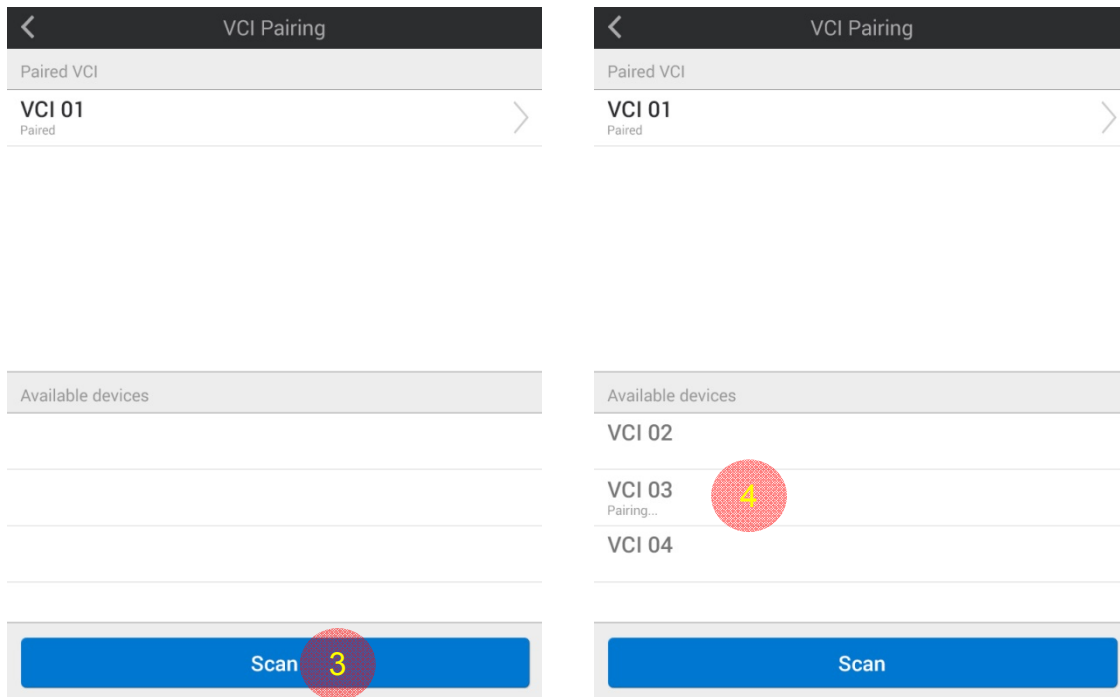


1	Top Menu	Switch menu between vehicle inspection and result.
2	Logout Button	Logging out from the Digital PDI of current inspector.
3	Inspector Information	Shows the information of inspector.
4	VCI Status	Shows connection status of connected HDP that paired with mobile.
5	Refresh button	Searches connected HDP that paired with mobile.

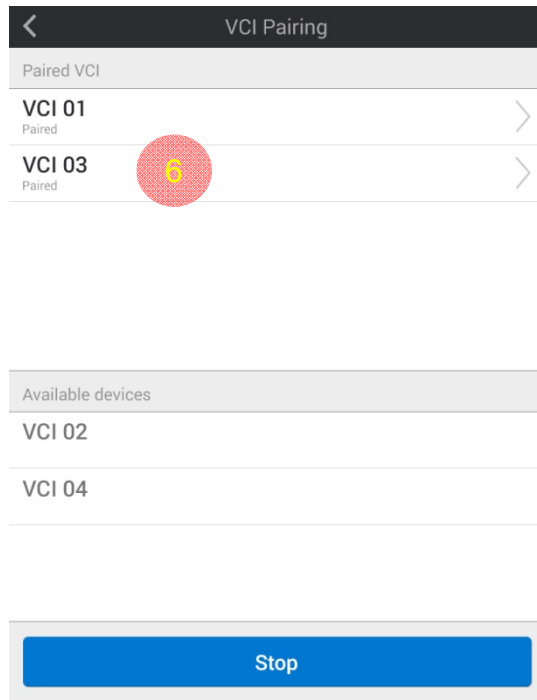
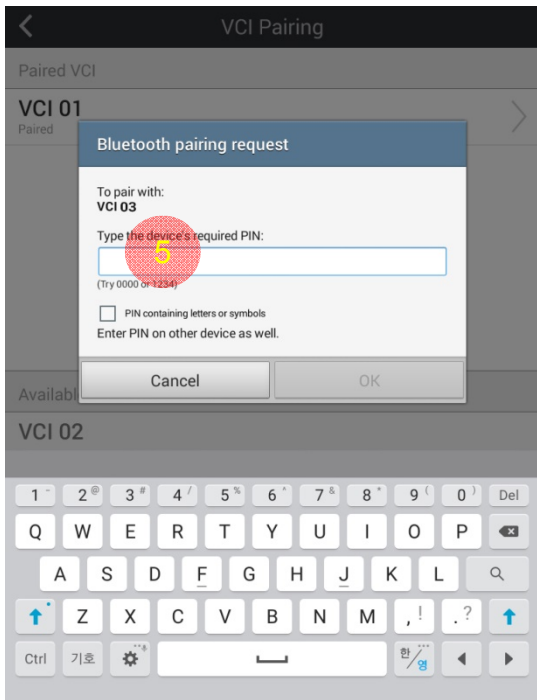
Pairing between HDP and Digital PDI



1. Tap the settings located on top menu of Digital PDI main screen.
2. Tap the 'VCI Pairing' on list.



3. The list of paired VCI is displayed on upper menu. It will search for the available devices when you tap the [Scan] button.
4. Select VCI that you want to use.



5. Type the PIN code of selected VCI when Bluetooth pairing popup is displayed and tap [OK] button.
6. The selected VCI is added to paired VCI list.

Appendix

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This product is CE marked according to the provision of the R&TTE Directive (99/5/EC).
Here by G.I.T co., Ltd. declares that this product in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CE 0678

WEEE (Waste Electrical and Electronic Equipment) symbol shown in [Figure 1] is indicated on the back of the VCI main module.

Please follow the regulation guide for disposal of Waste Electrical and Electronic Equipment.



Fig. 1. WEEE Symbol

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.