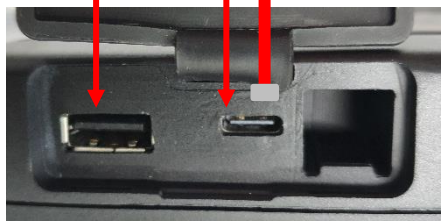
Z7 major port and power input information for product certification

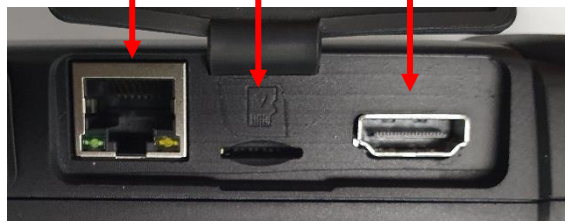
(Automotive Diagnostic Scan Tool)

EZDS
E-ZENITH DIAGNOSTIC SYSTEM

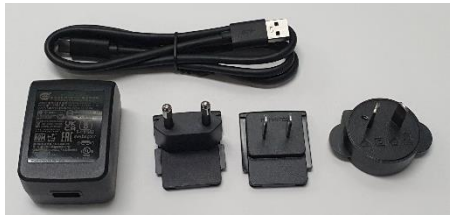
○ **Image of the diagnostic terminal and charging cradle**

○ Configuration and port name for the diagnostic terminal



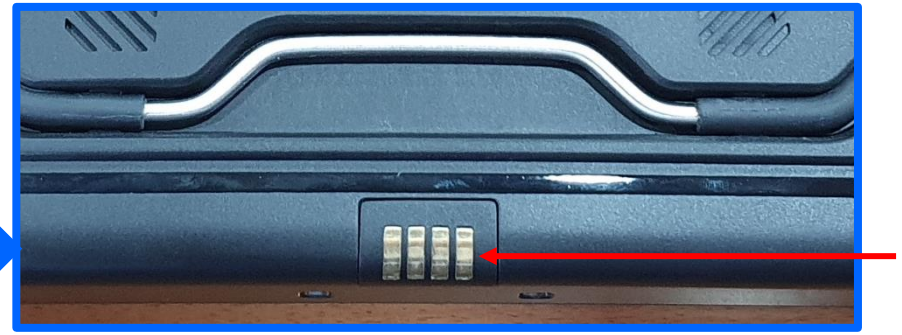


Charging USB Cable



AC/DC Adapter
(5V, USB-Type C)

Charging Battery
(3.85V, 5800mAh)



Terminal for
Cradle Charging

○ Major Specifications for the Diagnostic Terminal

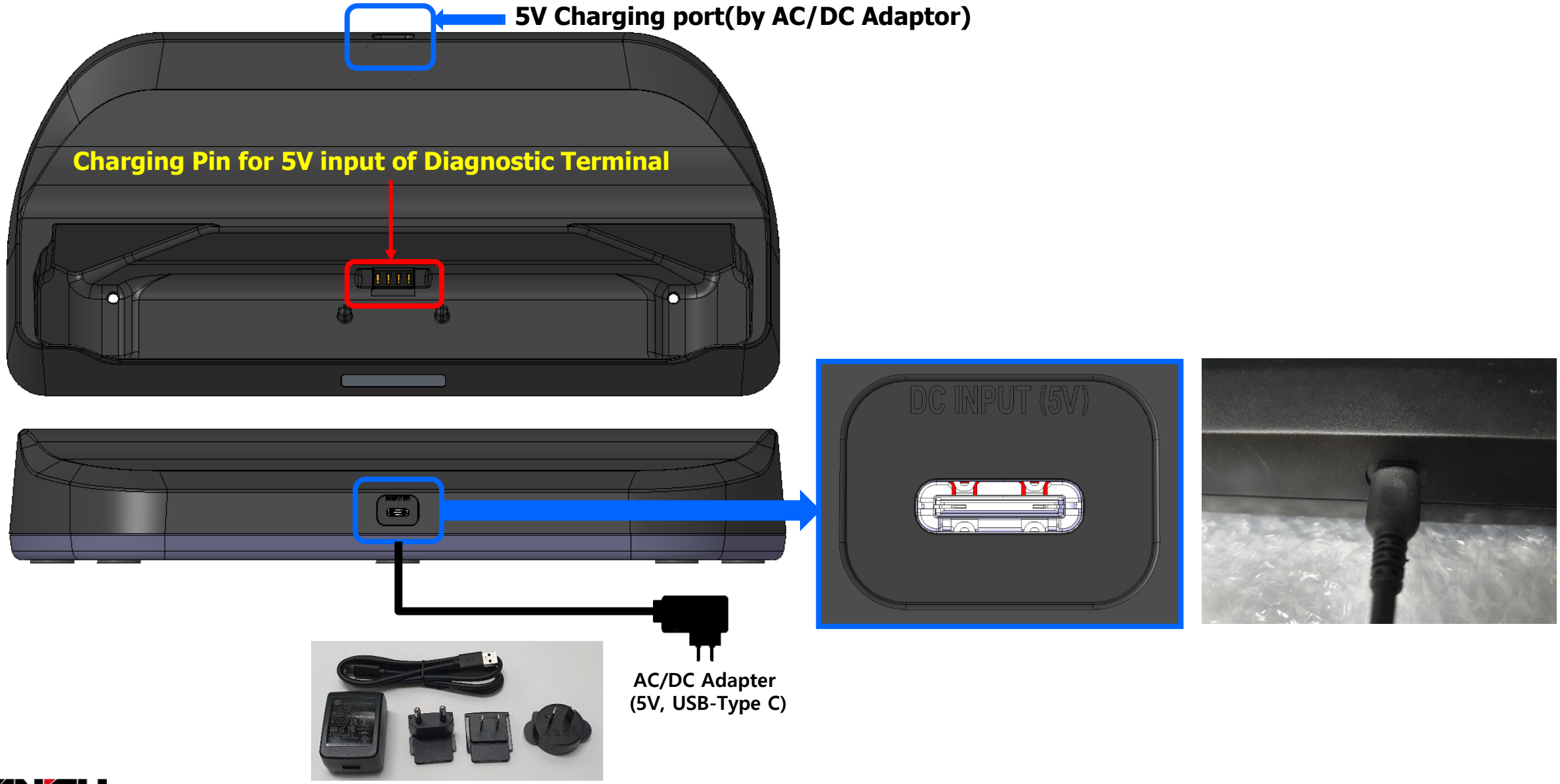
General Specification

Category	Specifications
CPU	Octa Core Processor 2.2 GHz
Operating System	Android 11
System Memory	RAM 4G / Internal Flash 64G
External Memory	Micro SD Card Slot
LCD	10.1 inch FHD (1920 x 1200)
Input Devices	Capacitive Touch Screen, 3 Hard Keys (Power, Volume +, Volume -)
Camera	8 megapixel auto-focus with LED flash
Sound	Speaker, Microphone
Rechargeable Battery	Li-ion 3.85V, 5800mAh
Operating voltage	DC 5V
Sensors	Ambient Light, Gyroscope, Accelerometer
Dimension	275 x 187 x 36 mm
Weight	About 1200g

Connectivity

Category	Specifications
External port	USB-A 1ea, USB-C 1 ea. HDMI 1ea
Network	RJ45 Ethernet, Wi-Fi 802.11 a/b/g/n, Bluetooth 5.0

○ Configuration and port name for the charging cradle



○ Major Specifications for the Charging Cradle

General Specification	
Category	Specifications
Operating voltage	DC 5V
Power Input Port Type	USB Type-C Connector
Power ouput Port Type	Battery Connector 4Pin(Ground 2ea, Power 2ea)
Plastic Color	Black
Dimension	298 x 140 x 51 mm
Weight	About 868g

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 equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

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 RF exposure requirement.

○ The ports description for the VCI Module

Dognostic Over Internet Protocol

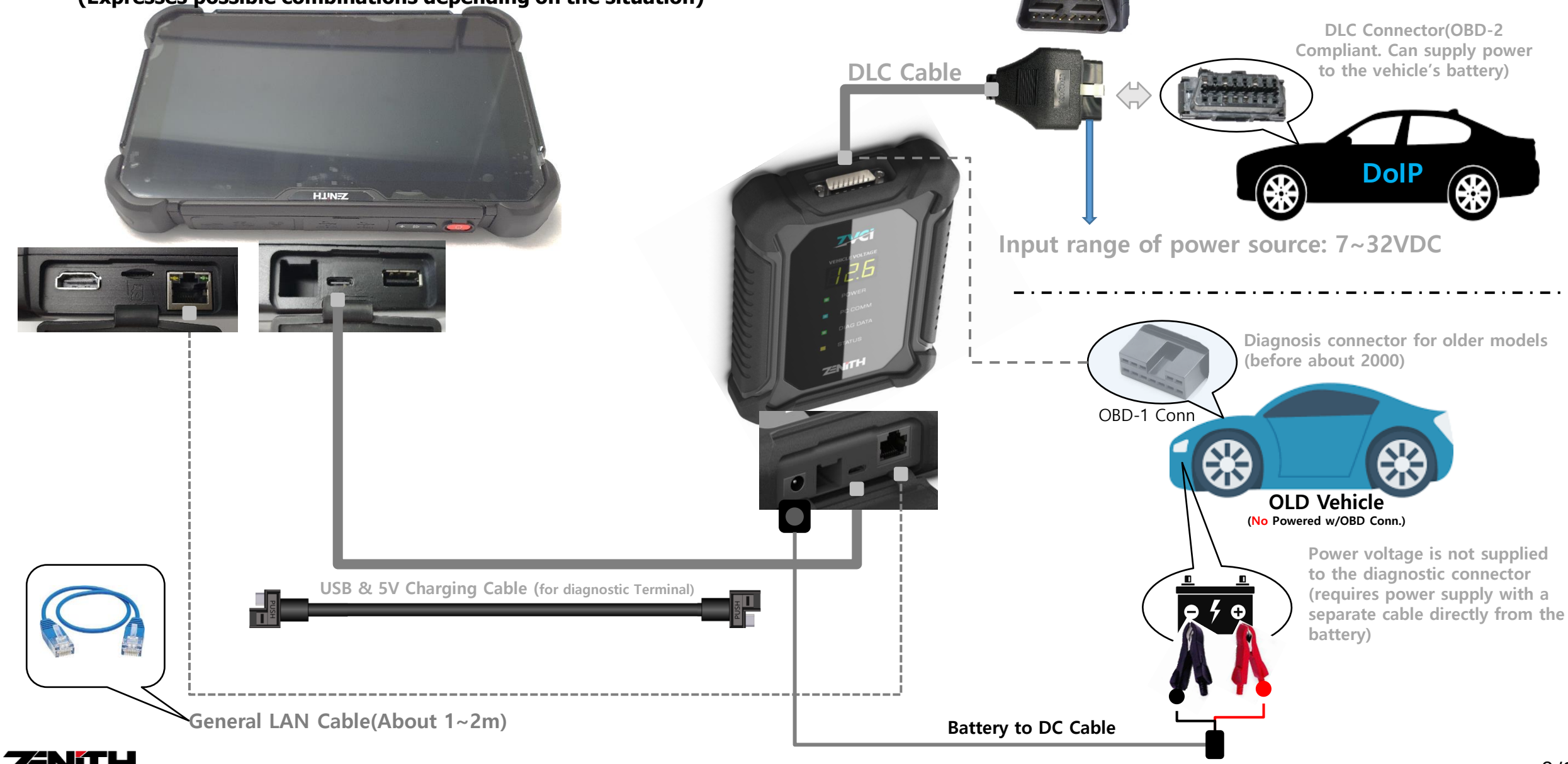
[RJ-45 Connector]
1. Performs only the role of a connection connector to simply connect the DoIP communication line output from the vehicle's diagnostic connector to the RJ-45 connector of the diagnostic terminal.
2. The ethernet communication function is not supported itself inside VCI module.

[USB & 5V Output Port]
1. For USB communication between diagnostic terminal and VCI
2. 5V power is output from the VCI module to charge the diagnostic terminal.

[DLC Connector for Vehicle Communication]
(Type: D-SUB 15Pin)
1. Power input of vehicle battery power through diagnostic connector(OBD Connector) in vehicle.

[DC Jack]
1. Cable connection for power supply via vehicle battery
2. Power can be supplied by using a 12V AC/DC adapter personally owned by the office of the maintenance shop, but EZDS does not supply a 12V adapter (it can be specified in the user manual as a dedicated port for vehicle battery power supply)

■ 4. Diagnostic Terminal & VCI Module with Vehicle

○ **Full use configuration with diagnostic terminal and VCI connected.**

(Expresses possible combinations depending on the situation)