



# SPECIFICATION OF APPROVAL

Customer : \_\_\_\_\_  
 Product Model : **HD258B**  
 Description : **Multi-function HUB +Wireless charger**  
 Sample Date: **2018-06-21**

## APPROVAL

Checked & Approved by	Prepare By	QC	Date

## CUSTOMER APPROVAL

Engineering	Quality Assurance	Other

Note:

1. Kindly please sign on the above and send it back to us if the sample is approve
2. Kindly please contact us as soon as possible if the sample isn' t approved. Thanks!

Result:  Accept  Reject  Other

## History of revisions

Edition	Date	Detail	By
V1.0	2018-08-21	Initial release	Barry Song

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# Catalogue

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## 一、Product & Accessory

### Brief introduction

- HD258B is one USB Type-C hub combined with wireless charger. It can extend to 3XUSB3.0, 1XHDMI, 1XRJ45, 2XUSB Type-C female port, 1XSD slot, and 1XMicro SD slot. SD and Micro SD can't be read at the same time. First inserted, First used. The part of wireless charger support 3 coils fixed Frequency 10W(Max) wireless charging. This product is to achieve HUB and wireless charging function by a single 50cm USB Type-C to Type-C cable.

### Product accessory list

- HD258B:1PC
- User Manual:1PC
- Product Size:143mm\*74mm\*25mm

## 二、Electrical Specification

1.1 Applicable Devices: Macbook 2015/2016, Macbook Pro 2016/2017(13' &15'), Chrome book, Samsung Galaxy Tab Pro S, HP Spectre, Huawei Matebook and other laptops which support standard USB Type-C port & PD3.0 charging Protocol. Qi wireless charging function is for S7/S8/S9, iPone8/8P and iPone X etc.

1.2 Standby Power consumption: 5V<400mA;

## 三、Function & Port description

### 3.1 Outlook & port function description

As below photo, HD258 outlook & port diagram

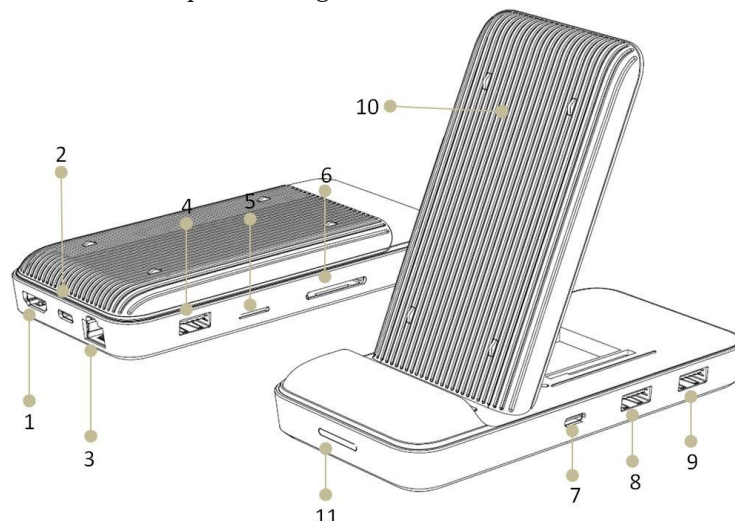


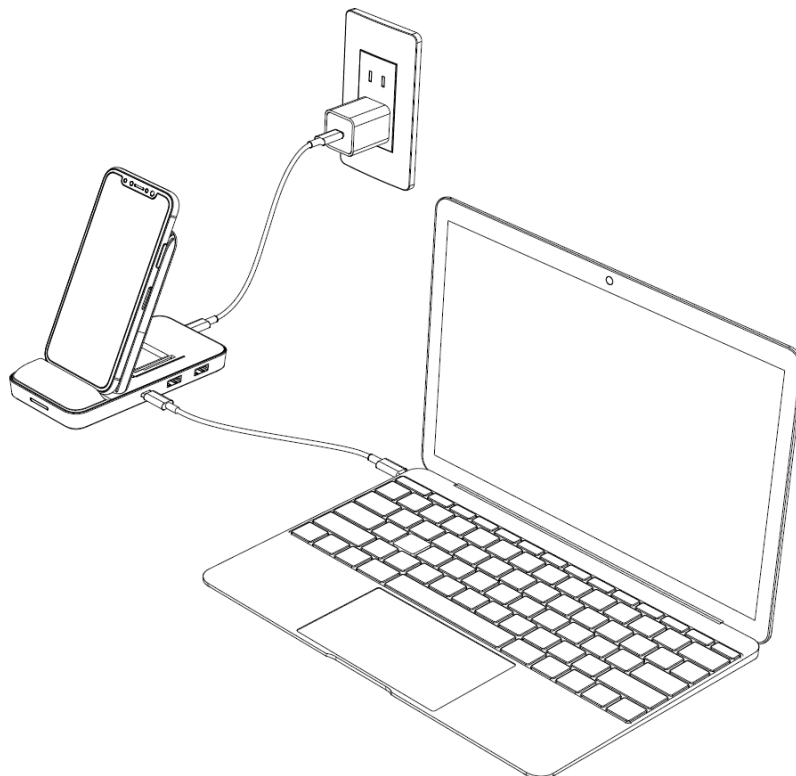
Diagram 1

Outlook & Port function description

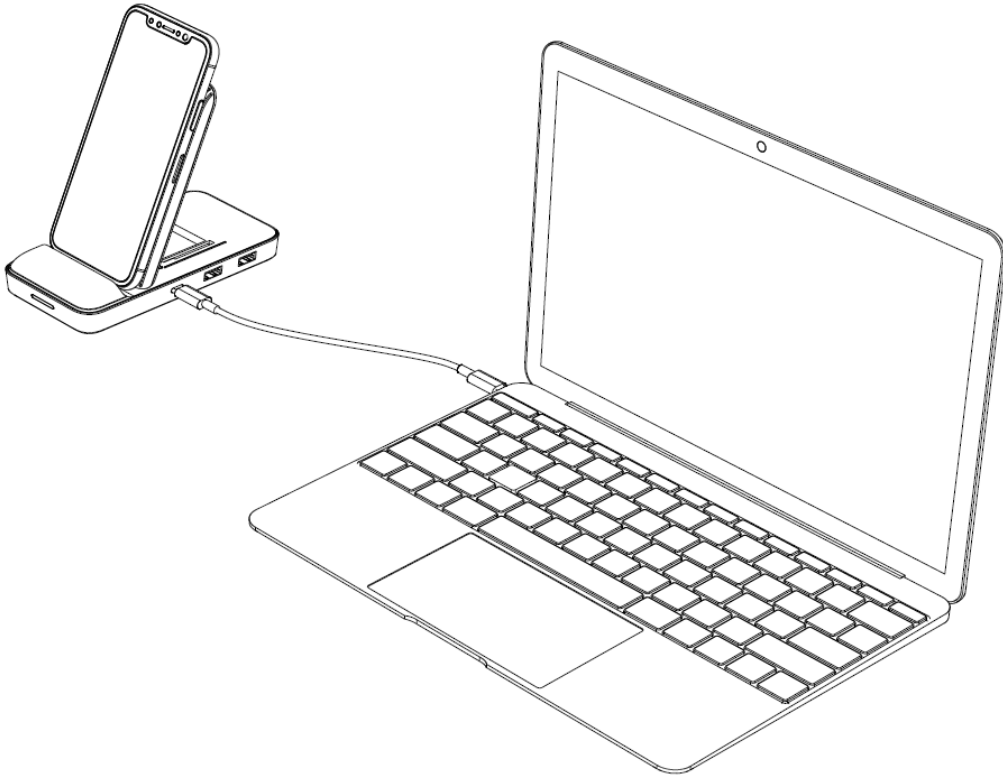
Serial number	Serial number illustration	Function description
A	4, 8, 9	USB 3.0 HUB: Support USB 3.0 5Gbps, compatible with USB2.0
B	1	HDMI: resolution up to 4K/30Hz, support HDCP1.4/2.2
C	3	RJ45 port: Support 10/100/1000 Mbps Network interface, need to install network card drive under Window XP and Windows 7 software. Automatically recognize crossover or straight-through network cable under Window 8/Windows 10 and Mac OS X Yosemite 10.10.0 or above.
D	2	Support USB PD 3.0, input 5V/9V/12V/15V/20V_3A/4.3A;Support Apple Original Adapter 5.2V/2.4A, 14.5V/2A, 20.3V/3A/4.3A
E	7	Full Function Type-C Connector, Support Apple MacBook Pro 61W/87W original Adapter, Type-C Display 4K/60HZ& USB 3.1 Gen2 10Gb, And support the use of positive and negative inserts, Maximum offer 49W charging power
F	5, 6	SD/Micro SD: Support SD/SDHC/SDXC、SD3.0 UHS-1, up to 104MB/S, Capacity up to 2TB;
G	10	Qi wireless charging function support 5W/7.5W/10W
H	11	Qi working indicator

4.3 Product connection illustration

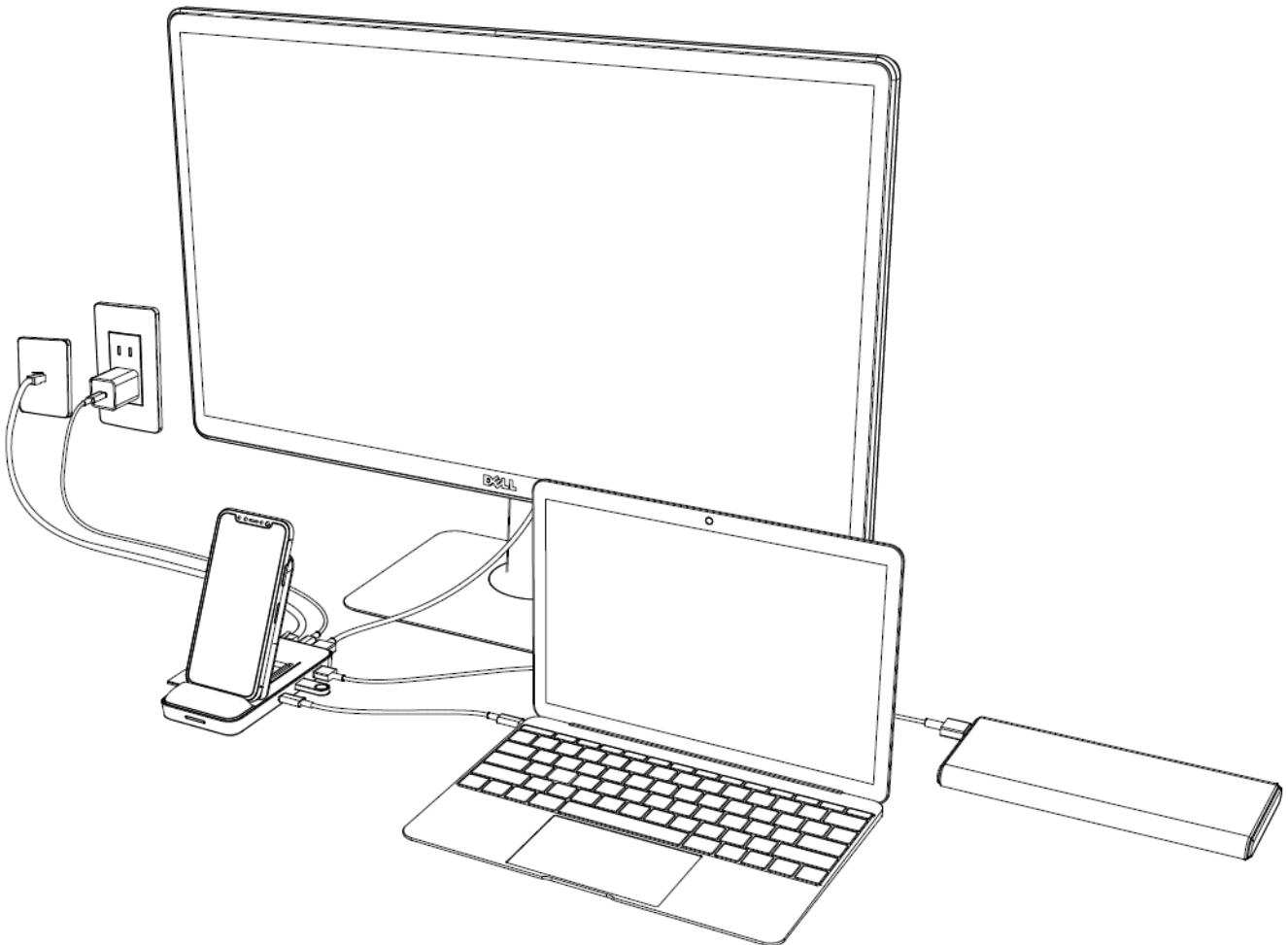
Drop iPhone X on HD258B connected with Apple MacBook Charging diagram 1



Drop iPhone X on HD258B connected with Apple MacBook Charging diagram 2



HD258B Full working Mode diagram 3





## 五、 Working Environment

### 5.1 Temperature & Moisture:

Project	Working Environment	Storage Environment:	Remark
Temperature:	0°C-40°C	-20°C-55°C	
Moisture:	0% -90%(without dew)	20% -95%(without dew)	
Atmospheric Pressure:	80-106KPa	80-106KPa	

## **FCC STATEMENT :**

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.

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

NOTE: 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.