



DS-MDS003

**Dock Station**

(For DS-MCW405/32G/GPS/WIFI Body Cameras)

**Quick Start Guide**

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## About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision Website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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## Manual Acquisition

Go to [www.hikvision.com](http://www.hikvision.com) for the latest user manual.

## Symbol Conventions

The symbols that may be found in this document are defined as follows:

Symbol	Description
 <b>Danger</b>	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury
 <b>Caution</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results
 <b>NOTE:</b>	Provides additional information to emphasize or supplement important points of the main text

## Safety Instruction

### Laws and Regulations

Use of the product must be in strict compliance with the local laws and regulations. Please shut down the device in prohibited areas.

### Power Supply

- Use of the product must be in strict compliance with the local electrical safety regulations.
- Use a power adapter provided by a qualified manufacturer. Refer to the product specification for detailed power requirements.
- It is recommended to provide an independent power adapter for each device as adapter overload may cause overheating or a fire hazard.
- Make sure that the power has been disconnected before you wire, install, or disassemble the device.
- DO NOT directly touch exposed contacts and components once the device is powered up to avoid electric shock.
- DO NOT use damaged power supply devices (e.g., cable, power adapter, etc.) to avoid electric shock, fire hazard, and explosion.
- DO NOT directly cut the power supply to shut down the device. Please shut down the device normally, and then unplug the power cord to avoid data loss.
- DO NOT block the power supply equipment to ensure the ability to plug and unplug conveniently.
- Make sure the power supply has been disconnected if the power adapter is idle.
- Make sure the device is connected to the ground firmly.

### Transportation, Use, and Storage

- To avoid heat accumulation, good ventilation is required for a proper operating environment.

- Store the device in dry, well-ventilated, corrosive-gas-free, no direct sunlight, and no heating source environment.
- Avoid fire, water, and explosive environment when using the device.
- Avoid lightning strike for device installation. Install a lightning arrester if necessary.
- Keep the device away from magnetic interference.
- Avoid device installation on vibratory surfaces or places, and avoid equipment installation on vibratory surfaces or places subject to shock (ignorance may cause device damage).
- DO NOT touch the heat dissipation component to avoid burns.
- DO NOT expose the device to extremely hot, cold, or humidity environments. For temperature and humidity requirements, see device specification.
- The device can be safely used in only regions below 2000 meters above sea level.

### **Maintenance**

- If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.
- If the device behaves abnormally, contact the store you purchased it from or the nearest service center. DO NOT disassemble or modify the device in any way (For the problems caused by unauthorized modification or maintenance, the company shall not take any responsibility).
- Keep all packaging after unpacking for future use. In case any failure occurs, you need to return the device to the factory in the original packaging. Transportation without the original packaging may result in damage to the device, and the company shall not take any responsibility.

### **Network**

- Enforce protection for personal information and the data security as the device may confront network security problems when it is connected to the Internet. Please contact us if the device might confront network security risks.
- Understand that you have the responsibility to configure all the passwords and other device security settings and keeping your user name and password confidential.

### **Lens**

- DO NOT touch the lens with fingers directly in case the acidic sweat of the fingers erodes the surface coating of the lens.
- DO NOT aim the lens at a strong light such as the sun or an incandescent lamp. The strong light can cause fatal damage to the device.

### **Screen**

Clean the screen with a soft and dry cloth or other substitute to wipe the interior and exterior surface. DO NOT use alkaline detergents. Protect the screen from scratches.

## **Battery**

- DO NOT charge the battery continuously for more than one week. Overcharging may shorten the battery life.
- Battery will discharge gradually if it is not used for a long time. It must be recharged before using.
- If the device contains a dismountable battery, store the device and battery separately if it is not used.
- The battery must be charged and discharged every three months if it is not used and recharged to 60% to 70% power to store.
- A scrapped battery should be discarded in compliance with the local laws and regulations. If there are no corresponding laws or regulations, dispose of it in a hazardous waste trash can.
- DO NOT pierce the battery or shorten the electrodes, or it may cause explosion or fire hazard.
- DO NOT throw the battery in fire or water, or it may cause explosion.
- Please use the specific battery supported by the device, or it may cause explosion. If the battery is damaged and needs to be changed, contact the device manufacturer or local distributor.
- If the device contains a button battery, keep it far away from children.
- DO NOT expose the battery pack or battery combination to sunlight, fire, or a similar overheated environment.

## **Data**

DO NOT disconnect the power during formatting, uploading, or downloading, or files may be damaged.

## Contents

<b>1 Introduction and Overview</b> .....	<b>7</b>
1.1 Introduction.....	7
1.2 Key Feature.....	7
1.3 Panel .....	7
1.3.1 Device Overview .....	7
1.3.2 Host Description.....	8
1.3.3 Dock Station Description .....	9
1.3.4 Interface Description .....	9
<b>2 Installation</b> .....	<b>10</b>
2.1 Wall Mount .....	10
2.2 Mobile Mount .....	14
2.2.1 Install Mobile Bracket.....	14
2.2.2 Install Device (Mobile Mount).....	16
2.3 Desktop Mount .....	17
2.3.1 Install Desktop Bracket.....	17
2.3.2 Install Device (Desktop Mount).....	18
2.4 Uninstall Device .....	19
<b>3 Activation</b> .....	<b>21</b>

# 1 Introduction and Overview

## 1.1 Introduction

The DS-MDS003 Dock Station, integrated with Digital Evidence Management System (hereinafter referred to as software), provides you with an easy way to access body cameras, and collect, store, and play audio and video files in the connected body cameras via the software. You can associate user accounts with body cameras, search data collection records, and upload data via the software.

## 1.2 Key Feature

- Dual system design that is highly stable. Supports wall mount, mobile mount, and desktop mount.
- Ultra-large touchscreen with high resolution and convenient operation.
- Unlocks body camera bin by recognizing face to guarantee safe storage.
- Equipped with multiple body camera bins. Extra dock stations can be connected.
- Supports auto charging of connected body cameras.
- Standard USB interfaces provided. You can connect a keyboard or mouse for software operation, or connect a USB flash disk to upgrade dock station.
- Supports auto uploading of body camera data (picture, video, and audio), and clearing the storage space of body camera automatically.
- Locks important data of body camera to avoid being deleted.
- Supports data protection in sudden power cutoff.
- Log management to record all the operation logs.
- Overwritten storage to overwrite the collected data according to the collection sequence when the storage is full.
- ANR for data uploading to prevent data loss.
- Supports file search in multiple modes, and video, audio, and picture playback.
- Local upgrade.
- Multi-person management. Multi-persons can be associated with one dock station.
- Files can be uploaded to CVR and cloud storage.

## 1.3 Panel

### 1.3.1 Device Overview

Dock station is composed of a host and dock station(s). Different models support different number of dock station(s). The device overview is shown as below.



**NOTE:** The device overview below takes example of one model. The actual device overview depends on the actual models.

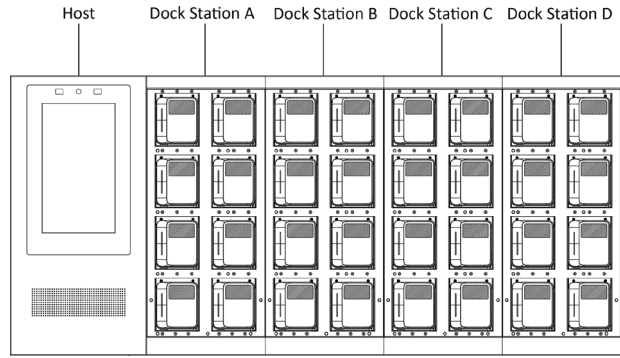


Figure 1, Device Overview

### 1.3.2 Host Description

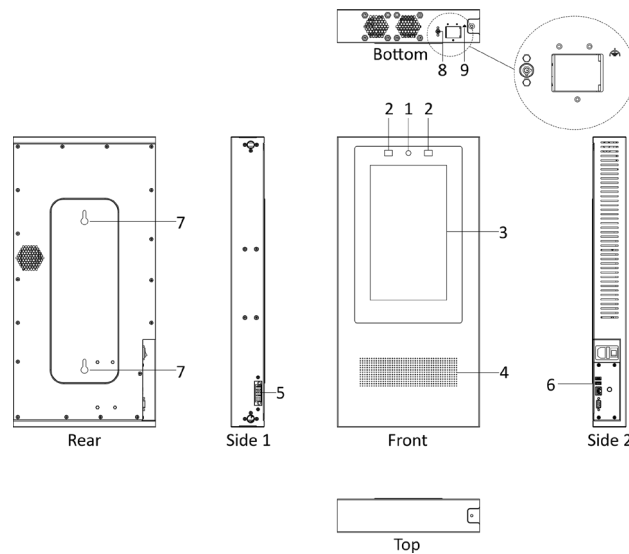


Figure 2, Host Overview

Table 1-1 Host Description

No.	Name	Description
1	Lens	To collect face picture and recognize face
2	Supplement Light	In dim light condition, the supplement light will turn on automatically to make it convenient for face picture collection and face recognition
3	Touchscreen	To operate the software
4	Loudspeaker	To play audios and voice prompts
5	Connection Interface	To connect to and communicate with dock stations
6	Host Interfaces	The interfaces of host NOTE: Refer to "Interface Description" for details
7	Installation Hole	To hang the stepped screw on the hanging bracket when installing the host to the hanging bracket
8	Keyhole	To open the device bin with key when the device power is cut off
9	GND	To connect to the ground



### 1.3.3 Dock Station Description

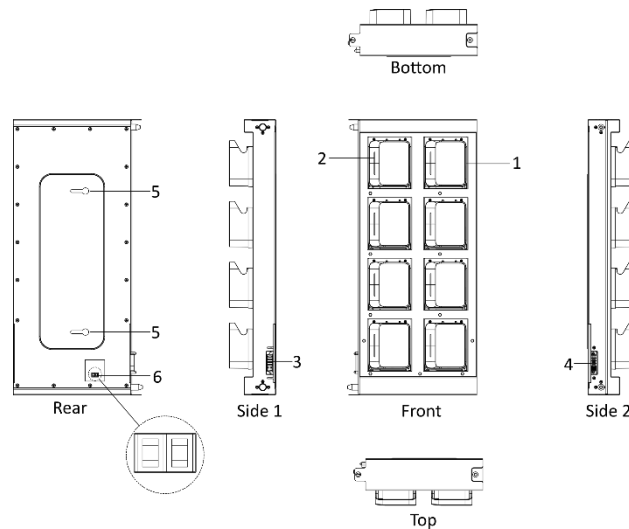


Figure 3, Dock Station Overview

Table 1-2 Dock Station Description

No.	Name	Description
1	Body Camera Bin	There is a mini USB interface in each bin to connect a body camera. The bin door can be locked after you connect a body camera in it, and it will automatically open if you pass the ID verification.
2	Indicator	The indicator shows the data collection and charging status of the connected body camera: <ul style="list-style-type: none"> <li>Flashing blue: The dock station is collecting data of the body camera</li> <li>Flashing red: The body camera is being charged</li> <li>Solid green: The body camera is fully charged</li> </ul>
3	Connection Interface 1	To connect to another dock station
4	Connection Interface 2	To connect to the host and communicate with it
5	Installation Hole	To hang the stepped screw on the hanging bracket when installing the dock station to the hanging bracket
6	Dial Switches	SW1 and SW2 are used to distinguish dock stations. You need to set the dial switches according to the table printed above them. NOTE: You must set the dial switches according to the table, or the device will fail to work.

### 1.3.4 Interface Description

The host interfaces on the host side are shown below.

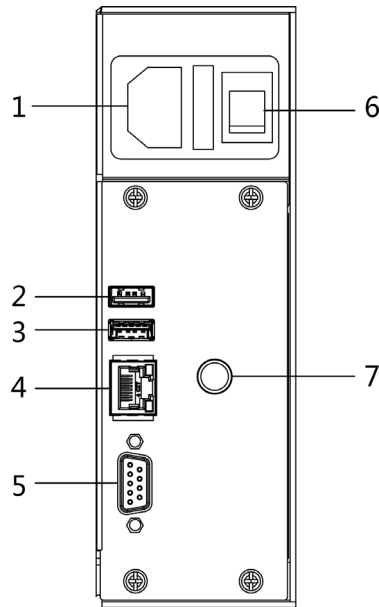


Figure 4, Host Interfaces

Table 1-3 Host Interfaces Description

No.	Name	Description
1	Power Supply	100 to 240 VAC power supply
2	USB 2.0 Interface	To connect to a mouse or keyboard for software operation, or connect to a USB flash disk to upgrade the device
3	USB 3.0 Interface	Reserved
4	Network Interface	RJ-45 network interface for network access
5	RS-232 Serial Port	For debug
6	Power Switch	To turn on or off the power supply
7	On/Off Button	<ul style="list-style-type: none"> <li>When the device shuts down, hold it to start it up</li> <li>When the device starts up, hold it to shut it down</li> </ul>

## 2 Installation

Dock station supports wall mount, mobile mount, and desktop mount.

### 2.1 Wall Mount

You can install dock station on the wall.

#### Before You Start

- Prepare the hanging bracket and its accessories according to the device model.
- Prepare the tools such as electric drill, bit, etc. to drill holes on the wall.

#### Steps

1. Install the hanging bracket.
  - 1) According to the device model, fasten M6 stepped screws on the hole sites with screen prints on the upper and lower bulges of the hanging bracket with a cross screwdriver.



**NOTE:** **If Device Supports One Dock Station:** Use hanging bracket (1-2), and fasten four M6 stepped screws on the four hole sites on the vertical directions of the second "Host"

screen print from the left and the second "Dock A" screen print from the left.

**If Device Supports Two Dock Stations:** Use hanging bracket (1-2), and fasten six M6 stepped screws on the six hole sites on the vertical directions of the first "Host" screen print from the left, the first "Dock A" screen print from the left, and the "Dock B" screen print.

**If Device Supports Three Dock Stations:** Use hanging bracket (3-4), and fasten eight M6 stepped screws on the eight hole sites on the vertical directions of the second "Host" screen print from the left, the second "Dock A" screen print from the left, the second "Dock B" screen print from the left, and the second "Dock C" screen print from the left.

**If Device Supports Four Dock Stations:** Use hanging bracket (3-4), and fasten ten M6 stepped screws on the ten hole sites on the vertical directions of the first "Host" screen print from the left, the first "Dock A" screen print from the left, the first "Dock B" screen print from the left, the first "Dock C" screen print from the left, and "Dock D" screen print.

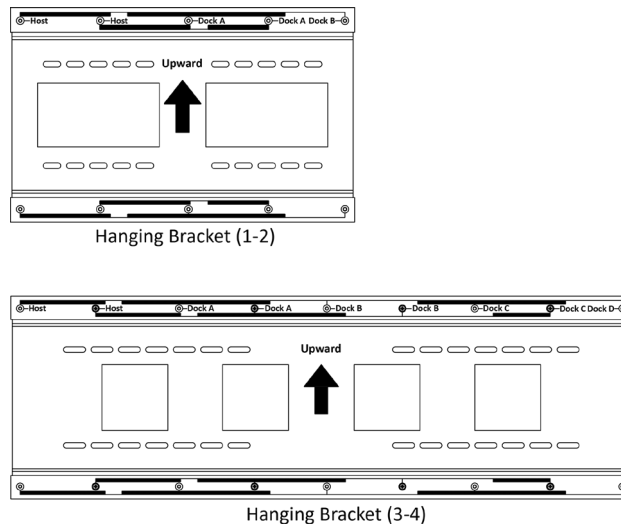


Figure 5, Hanging Bracket

- 2) Drill four holes on the wall according to the installation position and the rounded rectangle hole sites on the hanging bracket.
- 3) Install the four expansion bolts, flat washers, spring washers, M8 nuts, and hanging bracket according to the sequence shown as below. Then fasten the nuts with an M8 nut open-end wrench.

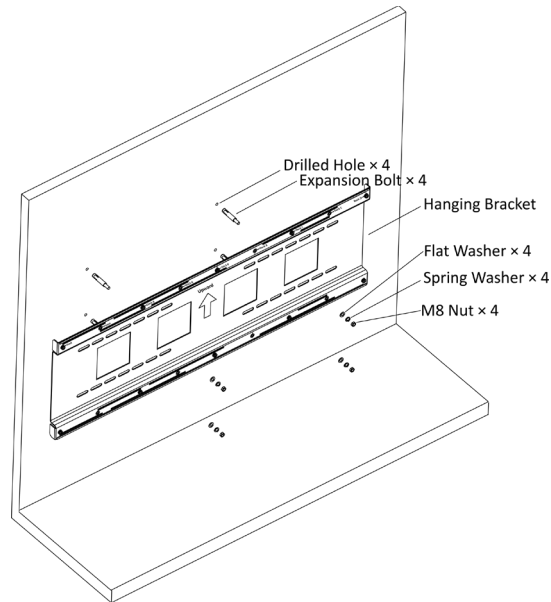


Figure 6, Install Hanging Bracket-Wall Mount

## 2. Install the host.

- 1) Align the host side edge to the stripe screen print edge on the hanging bracket, and align the two installation holes on the host rear panel to the two M6 stepped screws fastened on the vertical direction of "Host" screen print of the hanging bracket.
- 2) Push the host and slide it down to make the screws slide to the fixed positions.

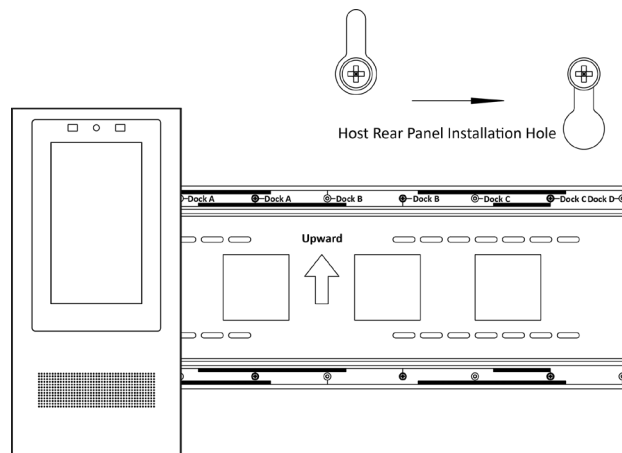


Figure 7, Install Host

## 3. Install dock station A.

- 1) Align the top and bottom edges of dock station A to those of the host, and align the side edge to the stripe screen print edge on the hanging bracket.
- 2) Align the two installation holes on the rear panel of dock station A to the two M6 stepped screws fastened on the vertical direction of "Dock A" screen print of the hanging bracket. Slide it leftward to make the screws slide to the fixed positions.

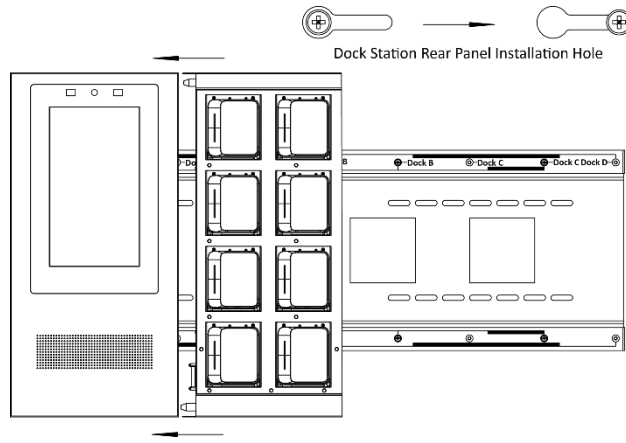


Figure 8, Install Dock Station

3) Fasten two M6 hand screws from the top and bottom respectively.

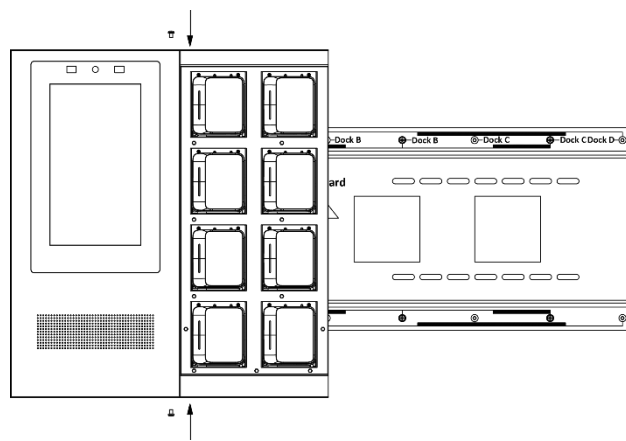


Figure 9, Fasten Screws

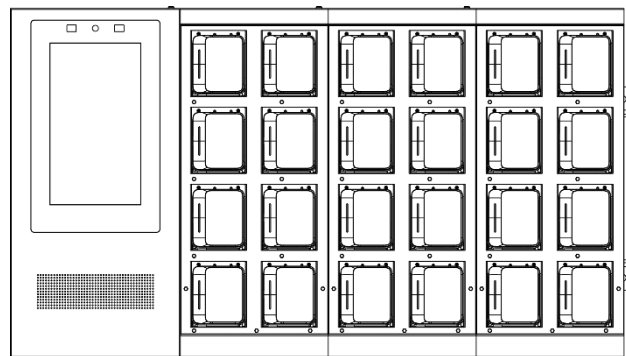


Figure 10, Install Other Dock Station(s)

4. Optional: Repeat the steps above to install dock station B/C/D.
5. Install the decorating component on the side. Tighten the decorating component leftward to the right side of the last dock station, and fasten two M6 hand screws from the top and bottom respectively.

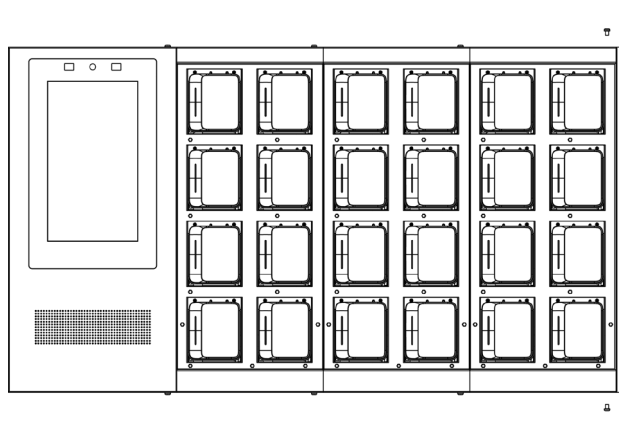


Figure 11, Install Decorating Component

## Result

Wall mount is completed.

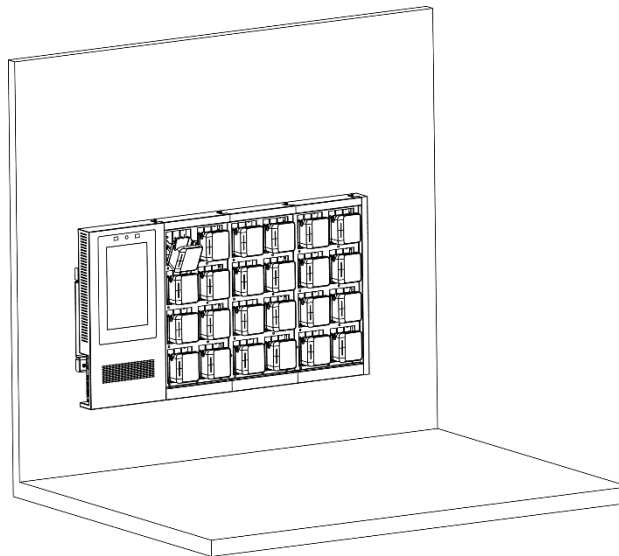


Figure 12, Wall Mount Effect

## 2.2 Mobile Mount

You can install dock station on mobile bracket.

### 2.2.1 Install Mobile Bracket

Install the mobile bracket before you install the dock station.

#### Before You Start

Prepare the mobile bracket components and accessories.

#### Steps

1. Install universal wheels.
  - 1) Turn the bracket base over. Press the brake pedals to fix the wheels.

- 2) Fasten the bolts on the wheels to the corresponding positions on the base through four M10 nuts.
- 3) Turn the base over again.

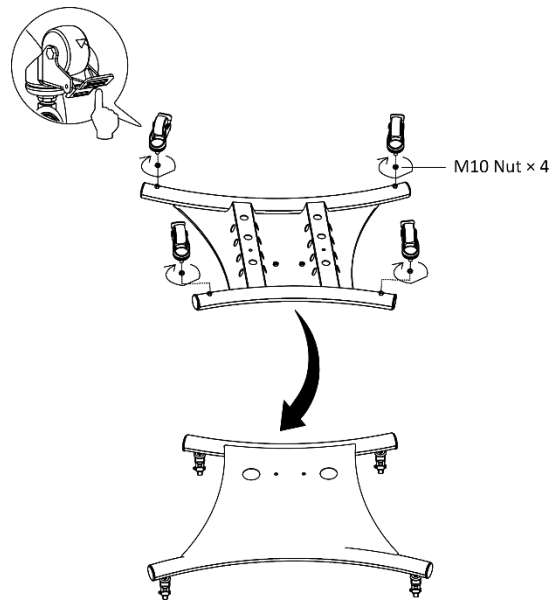


Figure 13, Install Universal Wheels

2. Install the connecting pipes.
  - 1) Insert the connecting pipes downward into the holes on the base.
  - 2) Fasten two M8 × 20 mm bolts into the holes on the horizontal connector on the bottom of the connecting pipes through two spring washers and two flat washers with an L-type hex wrench.
  - 3) Fasten two M8 × 20 mm bolts into the holes on the base bottom through two spring washers and two flat washers with an L-type hex wrench to fix the bottom of the connecting pipes to the base.

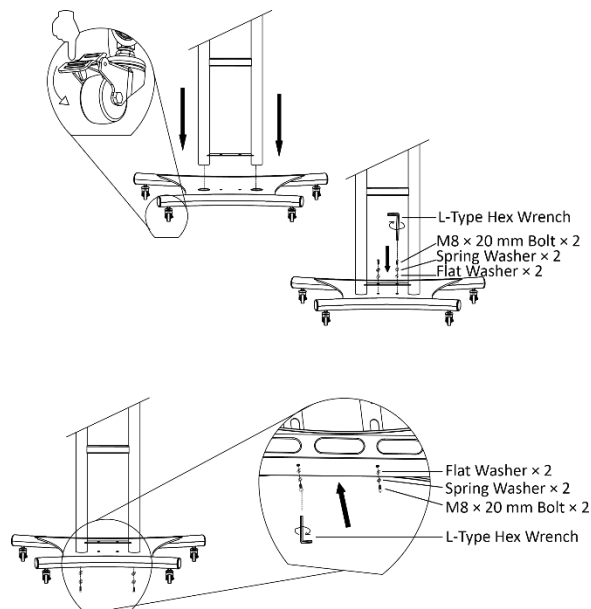


Figure 14, Install Connecting Pipes

### 3. Install the horizontal shelf.

- 1) Adjust the shelf height according to the actual application scene, and align the holes on the shelf to those on the connecting pipes.
- 2) Fasten four M8 × 70 mm bolts into the holes through four spring washers and four flat washers from the front with an L-type hex wrench.
- 3) Fasten four M8 nuts onto the bolts from back with an M8 nut open-end wrench.

#### **Result**

Mobile bracket installation is completed.

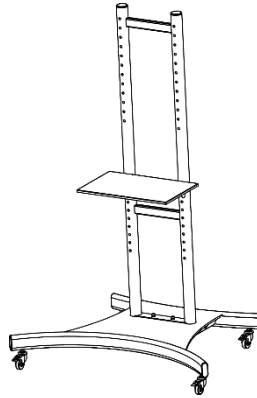


Figure 15, Mobile Bracket Installation Effect


### 2.2.2 Install Device (Mobile Mount)

After installing the mobile bracket, follow the steps below to install dock station.

#### **Before You Start**

Prepare the hanging bracket and its accessories according to the device model.

#### **Steps**

1. Install the hanging bracket.
    - 1) According to the device model, fasten M6 stepped screws on the hole sites with screw drivers on the upper and lower bulges of the hanging bracket with a cross screwdriver.
-  **NOTE:** Refer to step 1 of “Wall Mount” for the detailed installation description.
- 2) Align the rounded rectangle hole sites on the hanging bracket to those on the bracket connecting pipes, and guarantee the hanging bracket horizontal and stable.
  - 3) Install the four M8 × 70 mm bolts, flat washers, spring washers, M8 nuts, and hanging bracket according to the sequence shown as below. Then fasten the nuts with an M8 nut open-end wrench.



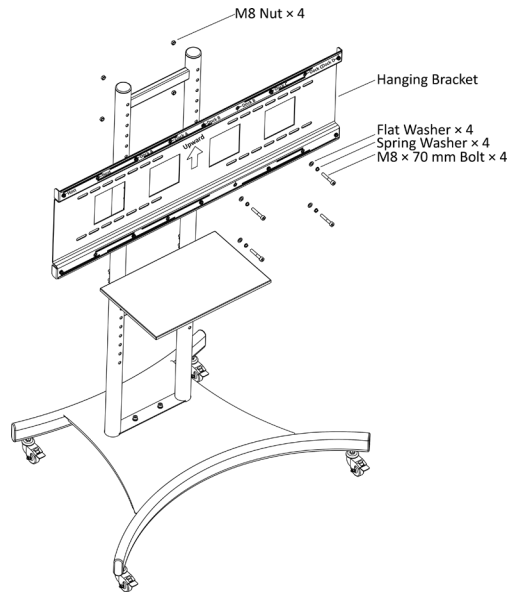


Figure 16, Install Hanging Bracket-Mobile Mount

2. Install the host, dock station(s), and side decorating component. Refer to step 2 to step 5 of "Wall Mount" for details.

### Result

Mobile mount is completed.

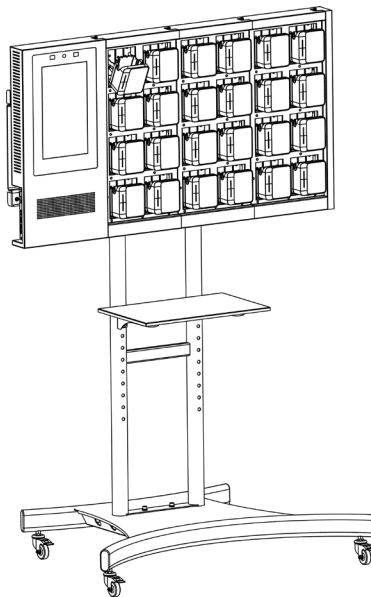


Figure 17, Mobile Mount Effect

## 2.3 Desktop Mount

You can install dock station on the desktop bracket.

### 2.3.1 Install Desktop Bracket

Install the desktop bracket before you install the dock station.

**Before You Start**

Prepare the desktop bracket components and accessories.

**Steps**

1. Insert the connecting pipes downward into the holes on the bracket base.
2. Fasten two M8 × 20 mm bolts into the holes on the triangle supports on the bottom of the connecting pipes through two spring washers and two flat washers with an L-type hex wrench.
3. Fasten two M8 × 20 mm bolts into the holes on the base bottom through two spring washers and two flat washers with an L-type hex wrench to fix the bottom of the connecting pipes to the base.

**Result**

Desktop bracket installation is completed.

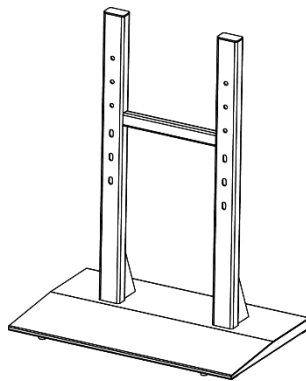


Figure 18, Desktop Bracket Installation Effect

**2.3.2 Install Device (Desktop Mount)**

After installing the desktop bracket, follow the steps below to install dock station.

**Before You Start**

Prepare the hanging bracket and its accessories according to the device model.

**Steps**

1. Install the hanging bracket.
  - 1) According to the device model, fasten M6 stepped screws on the hole sites with screen prints on the upper and lower bulges of the hanging bracket with a cross screwdriver.



**NOTE:** Refer to step 1 of "Wall Mount" for the detailed installation description.

- 2) Align the rounded rectangle hole sites on the hanging bracket to those on the bracket connecting pipes, and guarantee the hanging bracket horizontal and stable.
- 3) Install the four M8 × 50 mm bolts, flat washers, spring washers, M8 nuts, and hanging bracket according to the sequence shown as below. Then fasten the nuts with an M8 nut open-end wrench.

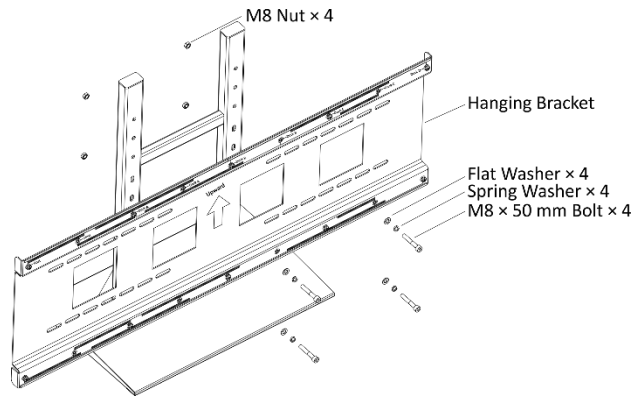


Figure 19, Install Hanging Bracket-Desktop Mount

2. Install the host, dock station(s), and side decorating component. Refer to step 2 to step 5 of "Wall Mount" for details.

### Result

Desktop mount is completed.

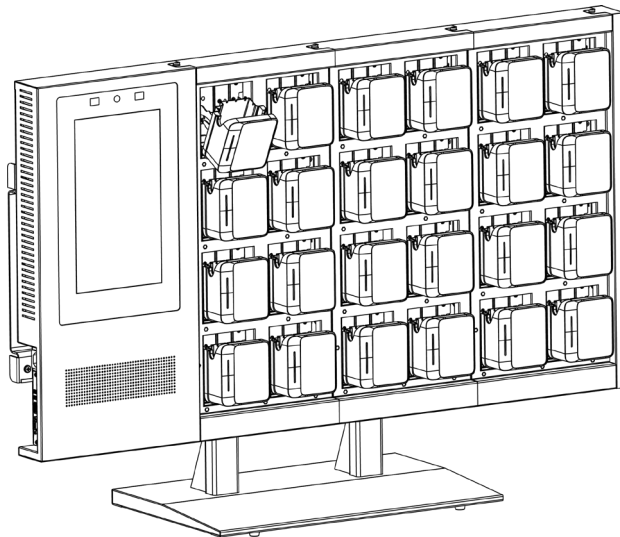


Figure 20, Desktop Mount Effect

## 2.4 Uninstall Device

Follow the steps below to uninstall dock station from the hanging bracket.

### Steps

1. Uninstall the side decorating component. Unfasten the two M6 hand screws from the top and bottom, and pull it rightward to take it down.

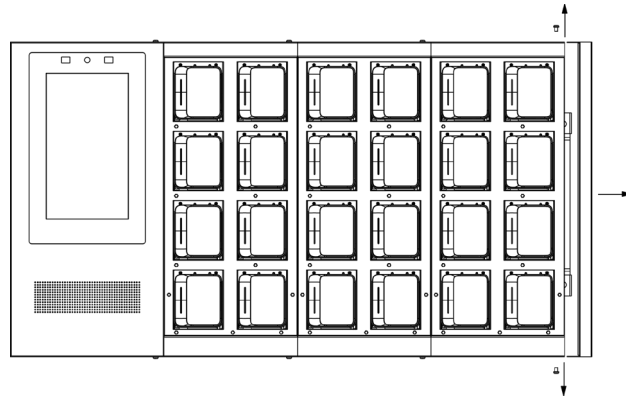


Figure 21, Uninstall Decorating Component

## 2. Uninstall dock station(s).

- 1) Unfasten the two M6 hand screws from the top and bottom of the last dock station.
- 2) Pull the dock station rightward until the stepped screws on the rear panel installation holes slide to the released status. Take the dock station down from the front.
- 3) Optional: Follow the steps above to uninstall other dock station(s) in sequence from right to left.



### NOTE:

The dock station(s) must be uninstalled in sequence from right to left. Unfasten the two hand screws on the corresponding dock station every time you uninstall it.

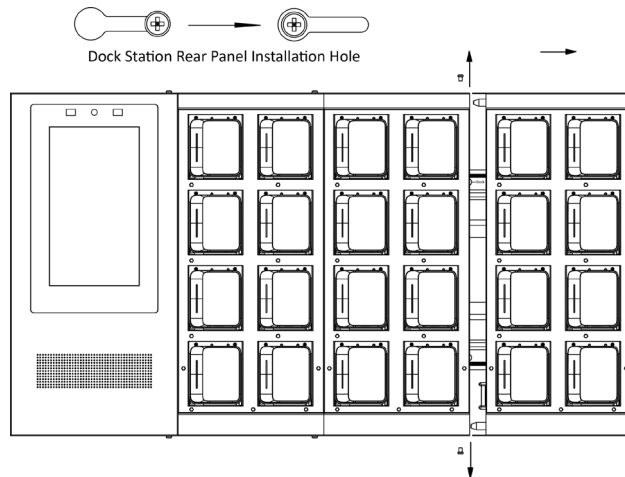


Figure 22, Uninstall Dock Station

3. Uninstall the host. Push the host upward until the stepped screws on the rear panel installation holes slide to the released status. Take the host down from the front.

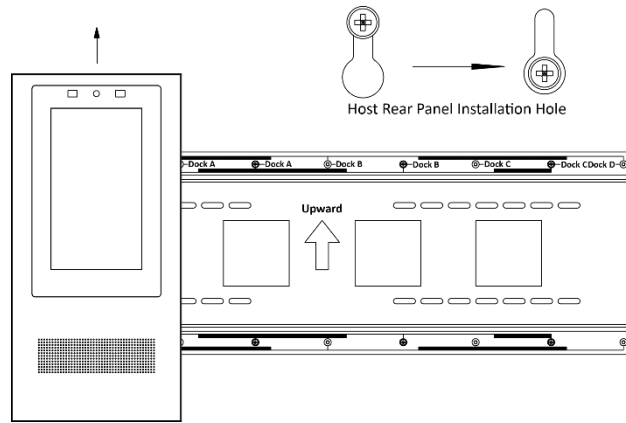


Figure 23, Uninstall Host

### 3 Activation

After the dock station starts, the screen will show the software page automatically. For the first access, activate the device by setting an admin password. No operation is allowed before activation.

#### Steps

1. Select **Start Configuration**.
2. Select language.

 **NOTE:** Select **Next** according to prompt after each step.

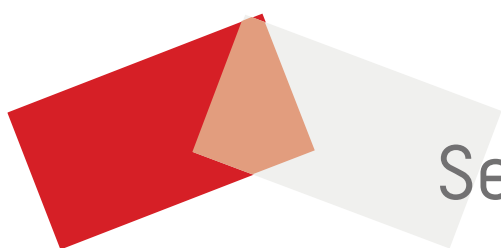
3. Set admin password.



**STRONG PASSWORD RECOMMENDED** – We highly recommend that you create a strong password of your own choosing (using a minimum of eight characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. We also recommend that you reset your password regularly. Especially in high security systems, resetting the password monthly or weekly can better protect your product.

Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

4. View local storage.
5. Optional: Set platform parameters.
6. Select **Save** to finish the activation.



See Far, Go Further