

# Owner's Manual

## Havis Stationary Docking Station

### For Zebra ET60, ET65, ET60W, and ET65W

#### SDS-ZEB-500 Series

This owner's manual applies to the following part numbers:

SDS-ZEB-501

SDS-ZEB-504



SDS-ZEB-500-SERIES\_OMN\_09-25

# Before Beginning

Havis is pleased to provide this owner's manual to aid in the proper installation and use of the SDS-ZEB-500 Series Docking Station for the Zebra ET60, ET65, ET60W, and ET65W.

For questions regarding the set-up of your SDS-ZEB-500 Series Docking Station, please contact Havis at 1-800-524-9900 or visit [www.havis.com](http://www.havis.com) for additional product support and information.

## WARNING

- THIS DOCKING STATION IS FOR STATIC MOUNTING ENVIRONMENTS ONLY. DO NOT MOUNT IN/ON A VEHICLE.
- DO NOT PLACE METAL OBJECTS OR CONTAINERS OF LIQUID ON TOP OF THE DOCKING STATION.
- IF A MALFUNCTION OCCURS, IMMEDIATELY UNPLUG THE POWER SUPPLY AND REMOVE THE DEVICE.

## CAUTION

- READ ALL INSTRUCTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION.
- THIS PRODUCT IS NOT CLASSIFIED WITH AN IP (INGRESS PROTECTION) RATING. DO NOT STORE, INSTALL, OR OPERATE THE DOCKING STATION WHERE WATER, MOISTURE, STEAM, DUST, ETC. ARE PRESENT.
- THIS PRODUCT REQUIRES A CERTIFIED, AUTOMOTIVE GRADE, HAVIS APPROVED 120W POWER SOURCE RATED FOR A CONTINUOUS, REGULATED 12.0 VDC OUTPUT (*HAVIS PART NUMBER LPS-192 OR EQUIVALENT*). FAILURE TO COMPLY WITH THIS REQUIREMENT WILL CAUSE PRODUCT DAMAGE THAT IS NOT REPAIRABLE AND IS NOT COVERED UNDER WARRANTY.
- DO NOT CONNECT CABLES INTO PORTS OTHER THAN WHAT THEY ARE SPECIFIED FOR.
- DO NOT LEAVE THE DOCKING STATION IN A HIGH TEMPERATURE ENVIRONMENT (GREATER THAN 70°C, 158°F).

## NOTICE

- WHEN DOCKED, THE DEVICE RECHARGES ONLY WHEN THE REMAINING POWER IS LESS THAN 95% CAPACITY. THIS IS INTENTIONALLY DONE TO PREVENT OVERCHARGING OF THE BATTERY.
- PLEASE REFER TO THE ZEBRA ET6X OWNER'S MANUAL FOR ADDITIONAL BATTERY CHARGING INFORMATION.
- THIS DOCKING STATION IS COMPATIBLE WITH THE SMART CARD READER, RFID READER, AND KICK STAND ADD-ONS FOR THE ZEBRA ET6X (ALL WITH OR WITHOUT HAND STRAP).
- THIS DOCKING STATION IS COMPATIBLE WITH ALL ZEBRA BATTERIES FOR THE ZEBRA ET6X.
- PLEASE SEE ZEBRA (ET6X) SPECIFICATION SHEETS FOR TABLET SPECIFICATIONS.
  - [ZEBRA ET60/ET65 ENTERPRISE TABLETS SPECIFICATION SHEET](#)
  - [ZEBRA ET60W/ET65W ENTERPRISE TABLETS SPECIFICATION SHEET](#)

# Avant de commencer

Havis est heureux de fournir ce manuel du propriétaire pour aider à l'installation et à l'utilisation correctes de la station d'accueil série SDS-ZEB-500 pour les Zebra ET60, ET65, ET60W et ET65W.

Pour toute question concernant la configuration de votre station d'accueil série SDS-ZEB-500, veuillez contacter Havis au 1-800-524-9900 ou visitez [www.havis.com](http://www.havis.com) pour obtenir une assistance et des informations supplémentaires sur le produit.

## **AVERTISSEMENT**

- Cette station d'accueil est réservée aux environnements de montage statiques. Ne pas installer dans/sur un véhicule.
- **NE PLACEZ PAS D'OBJETS MÉTALLIQUES OU DE RÉCIPIENTS CONTENANT DU LIQUIDE SUR LA STATION D'ACCUEIL.**
- **EN CAS DE DYSFONCTIONNEMENT, DÉBRANCHEZ IMMÉDIATEMENT L'ALIMENTATION ET RETIREZ L'APPAREIL.**

## **ATTENTION**

- LISEZ ATTENTIVEMENT TOUTES LES INSTRUCTIONS AVANT DE COMMENCER L'INSTALLATION.
- CE PRODUIT N'EST PAS CLASSÉ IP (INGRESS PROTECTION). NE PAS STOCKER, INSTALLER OU UTILISER LA STATION D'ACCUEIL EN TERRAIN DE PRÉSENCE D'EAU, D'HUMIDITÉ, DE VAPEUR, DE POUSSIÈRE, ETC.
- CE PRODUIT NÉCESSITE UNE ALIMENTATION 120 W CERTIFIÉE, DE QUALITÉ AUTOMOBILE ET HOMOLOGUÉE HAVIS, POUR UNE SORTIE CONTINUE ET RÉGULÉE DE 12,0 V CC (RÉFÉRENCE HAVIS LPS-192 OU ÉQUIVALENTE). LE NON-RESPECT DE CETTE EXIGENCE ENTRAÎNERA DES DOMMAGES IRRÉPARABLES ET NON COUVERTS PAR LA GARANTIE.
- NE CONNECTEZ PAS LES CÂBLES À DES PORTS AUTRES QUE CEUX POUR LESQUELS ILS SONT SPÉCIFIÉS.
- NE LAISSEZ PAS LA STATION D'ACCUEIL DANS UN ENVIRONNEMENT À HAUTE TEMPÉRATURE (SUPÉRIEURE À 70 °C, 158 °F).

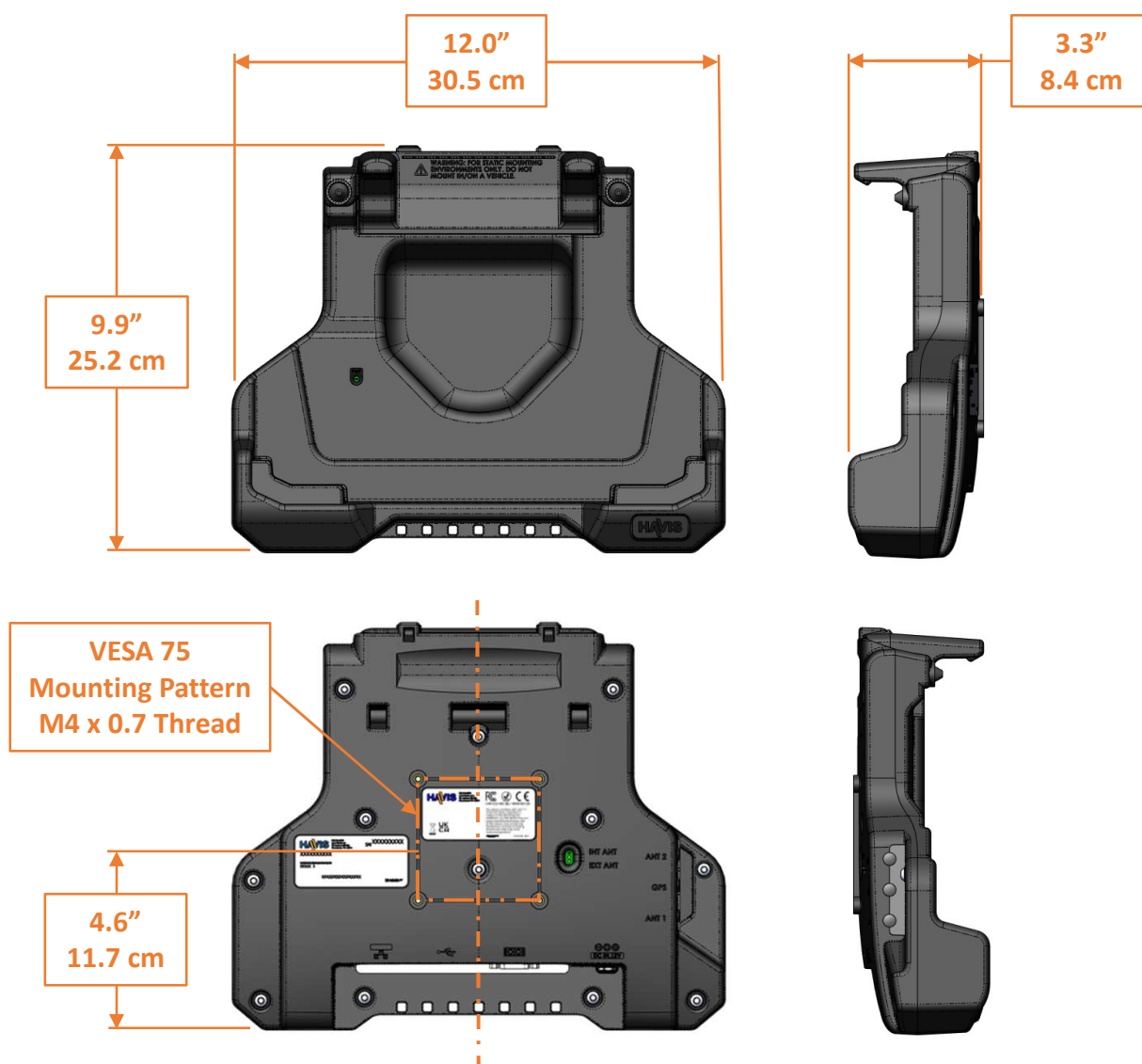
## **AVIS**

- Lorsqu'il est branché, l'appareil se recharge uniquement lorsque la batterie est inférieure à 95 %. Ceci est volontairement fait pour éviter toute surcharge de la batterie.
- VEUILLEZ VOUS RÉFÉRER AU MANUEL D'UTILISATION DU ZEBRA ET6X POUR PLUS D'INFORMATIONS SUR LA CHARGE DE LA BATTERIE.
- CETTE STATION D'ACCUEIL EST COMPATIBLE AVEC LES LECTEURS DE CARTES À PUCE, LES LECTEURS RFID ET LES SUPPORTS POUR LE ZEBRA ET6X (TOUS AVEC OU SANS DRAGONNE).
- CETTE STATION D'ACCUEIL EST COMPATIBLE AVEC TOUTES LES BATTERIES ZEBRA POUR LE ZEBRA ET6X.
- PLEASE SEE ZEBRA (ET6X) SPECIFICATION SHEETS FOR TABLET SPECIFICATIONS.
  - [FICHE TECHNIQUE DES TABLETTES ZEBRA ET60/ET65 ENTERPRISE](#)
  - [FICHE TECHNIQUE DES TABLETTES ZEBRA ET60W/ET65W ENTERPRISE](#)

# Specifications

| Configuration (SKU) | Description                | Power Options         | Dock Input Voltage Requirement | Weight               |
|---------------------|----------------------------|-----------------------|--------------------------------|----------------------|
| SDS-ZEB-501         | Standard port replication. | External Power Supply | 12 VDC                         | 2.0 lbs.<br>(0.9 kg) |
| SDS-ZEB-504         | Advanced port replication. | External Power Supply | 12 VDC                         | 2.0 lbs.<br>(0.9 kg) |

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Dimensions            | 9.9" (25.2 cm) H x 12.0" (30.5 cm) W x 3.3" (8.4 cm) D |
| Operating Environment | -4° C to 50° C (25° F to 122° F)                       |
| Storage Environment   | -40° C to 70° C (-40° F to 158° F)                     |

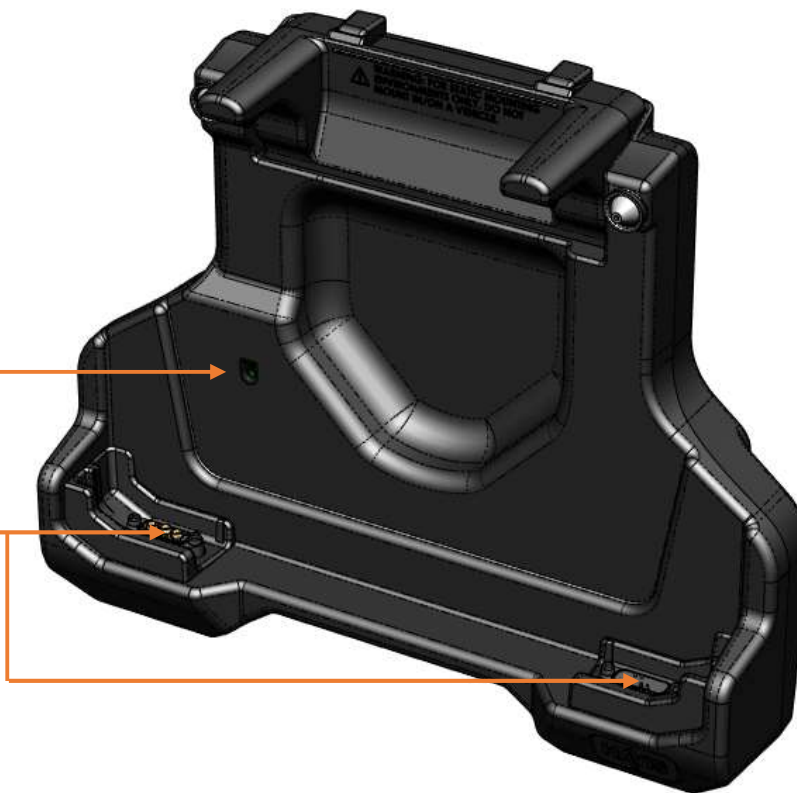


# Parts Included

## Docking Station

LED Power Indicator

Docking Connectors



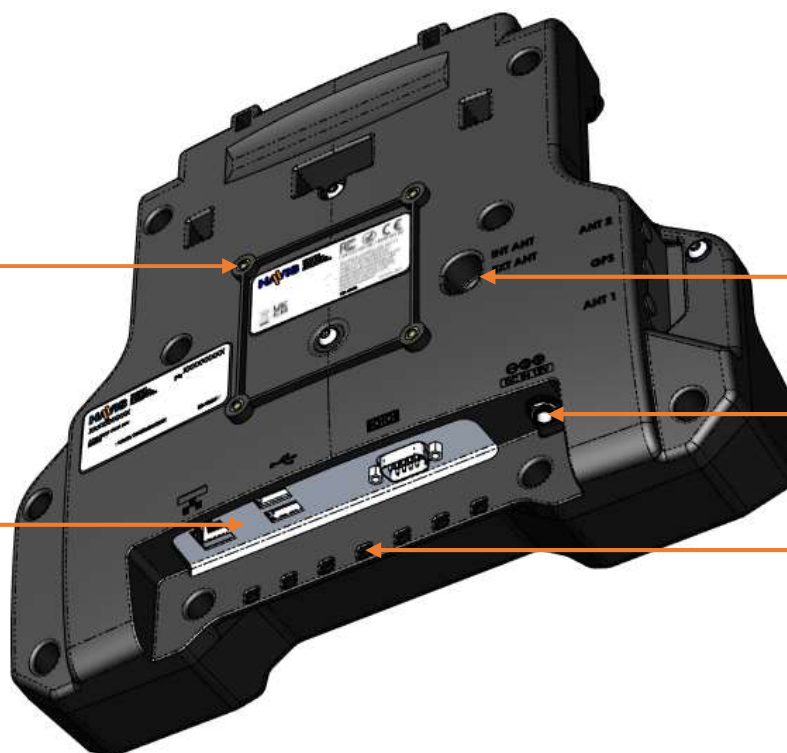
VESA 75  
Mounting Holes

Internal / External  
Antenna Switch

I/O Ports

Power Port

Cable Strain Relief



## Parts Included (*continued*)

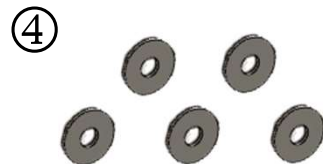
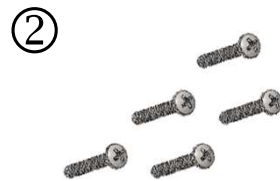
### Hardware Kit (*E100476*)

This hardware kit includes:

1. Zip ties (6)
2. M4 x 0.7 x 12mm screws (5)
3. M4 split lock washers (5)
4. M4 washers (5)

Tools required for installation:

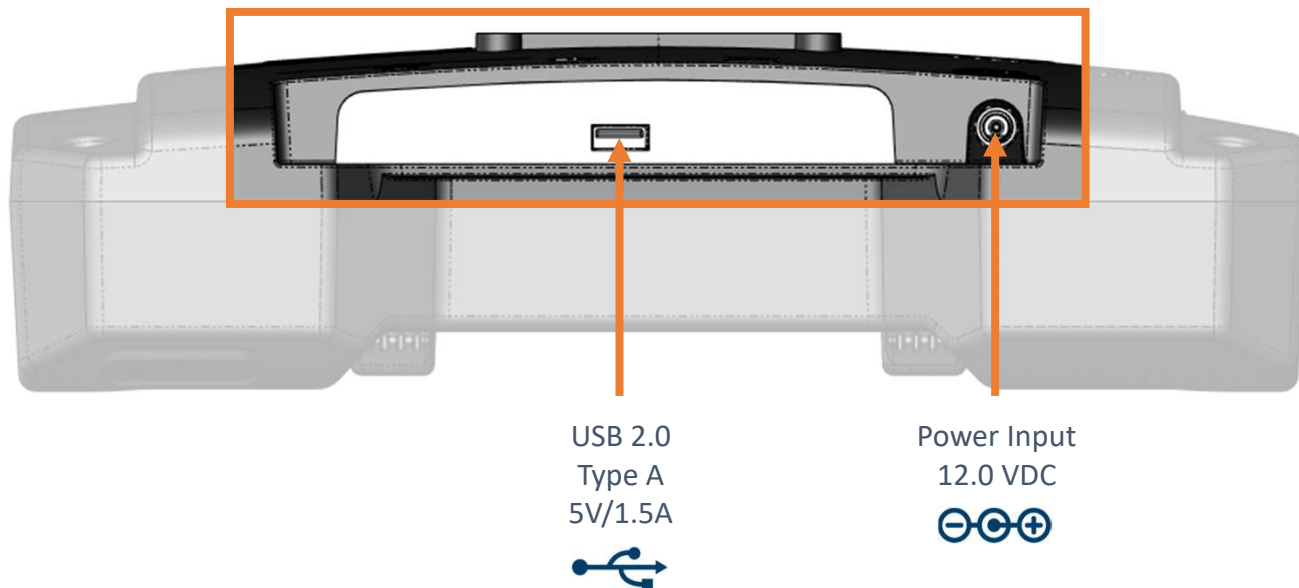
- #2 Phillips (For M4 Pan Head Screws)



# Port Replication Capability

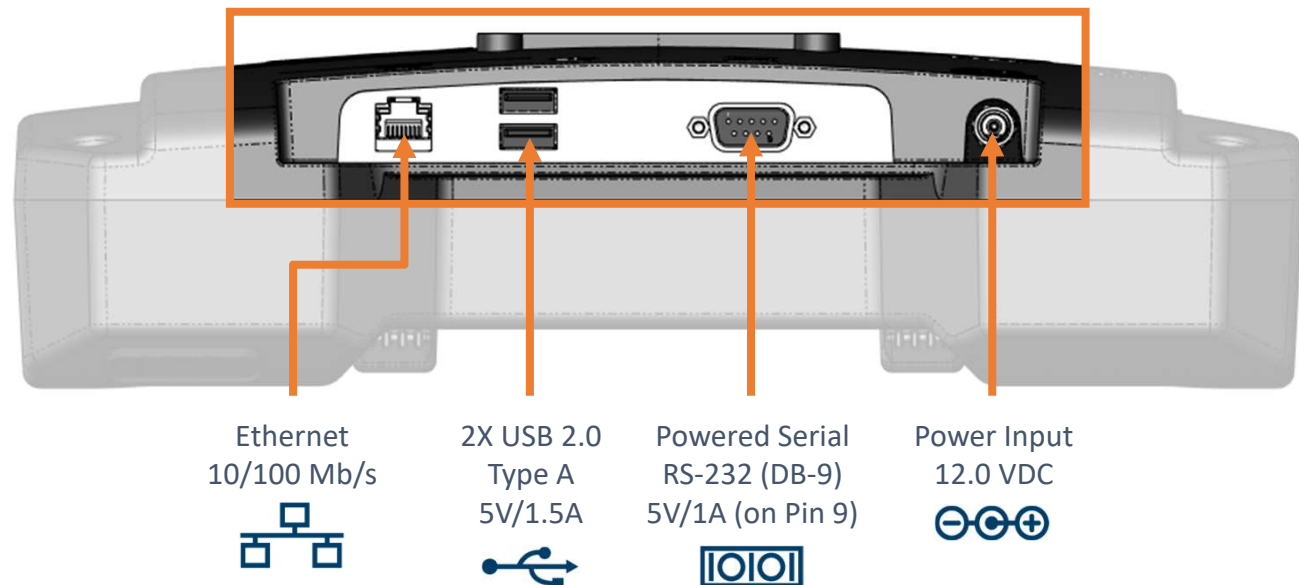
## Downward Facing Ports

SDS-ZEB-501



## Downward Facing Ports

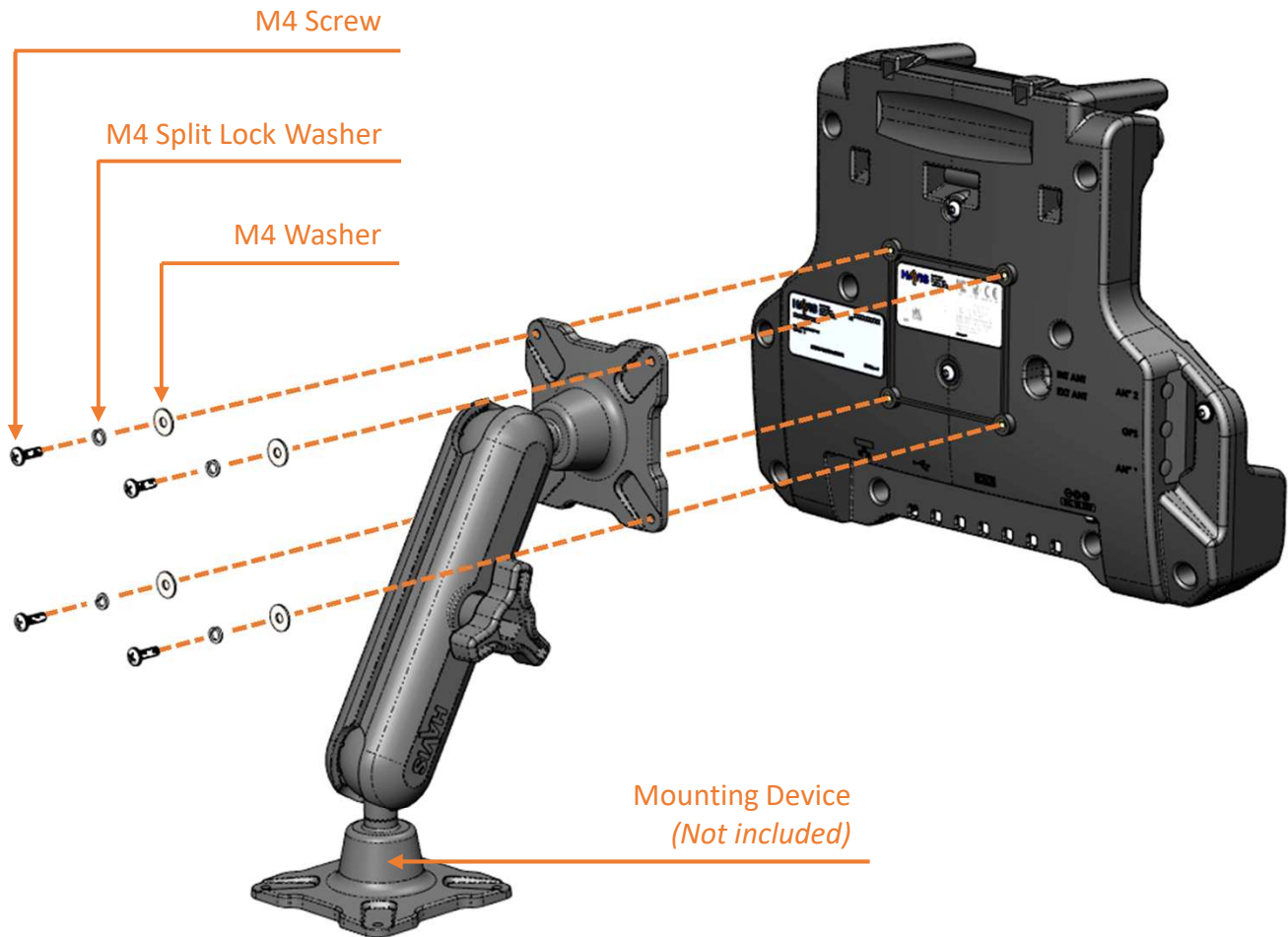
SDS-ZEB-504



| I/O Port    | Vendor    | Driver                                                  | Version                                  | Identification        | Specifications    |
|-------------|-----------|---------------------------------------------------------|------------------------------------------|-----------------------|-------------------|
| Serial Port | FTDI      | <a href="#">Driver</a><br><a href="#">Download Link</a> | Ver 2.12.36.4U for Windows<br>(or later) | VID=0403,<br>PID=6015 | Pin 9 (5V/1A)     |
| Rear USB    | Microchip | WIN OS PnP                                              | -                                        | -                     | USB 2.0 (5V/1.5A) |
| Ethernet    | Microchip | <a href="#">Driver</a><br><a href="#">Download Link</a> | Ver 18.12.18.0 for Windows<br>(or later) | VID=0424,<br>PID=EC00 | 100 Mbps MAX      |

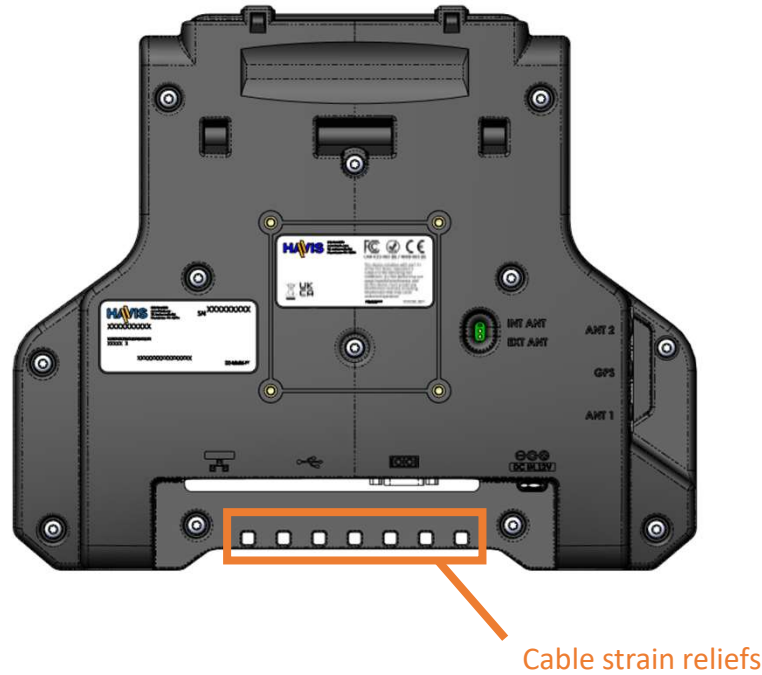
# Installation

Align the docking station mounting holes with the hole pattern on the mounting device. Fasten the docking station to the mounting device by using the four M4 screws, four M4 split lock washers, and four M4 washers from the hardware kit. Torque screws to 20 in-lbs (2.3Nm)  $\pm$  10%

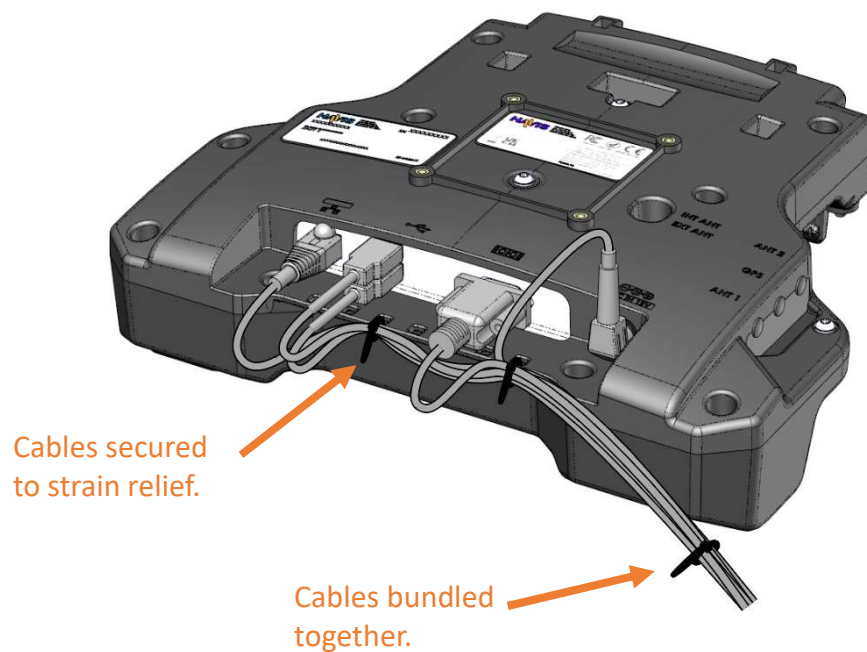


# Cable Management

- 1) Locate the cable strain reliefs on the dock.

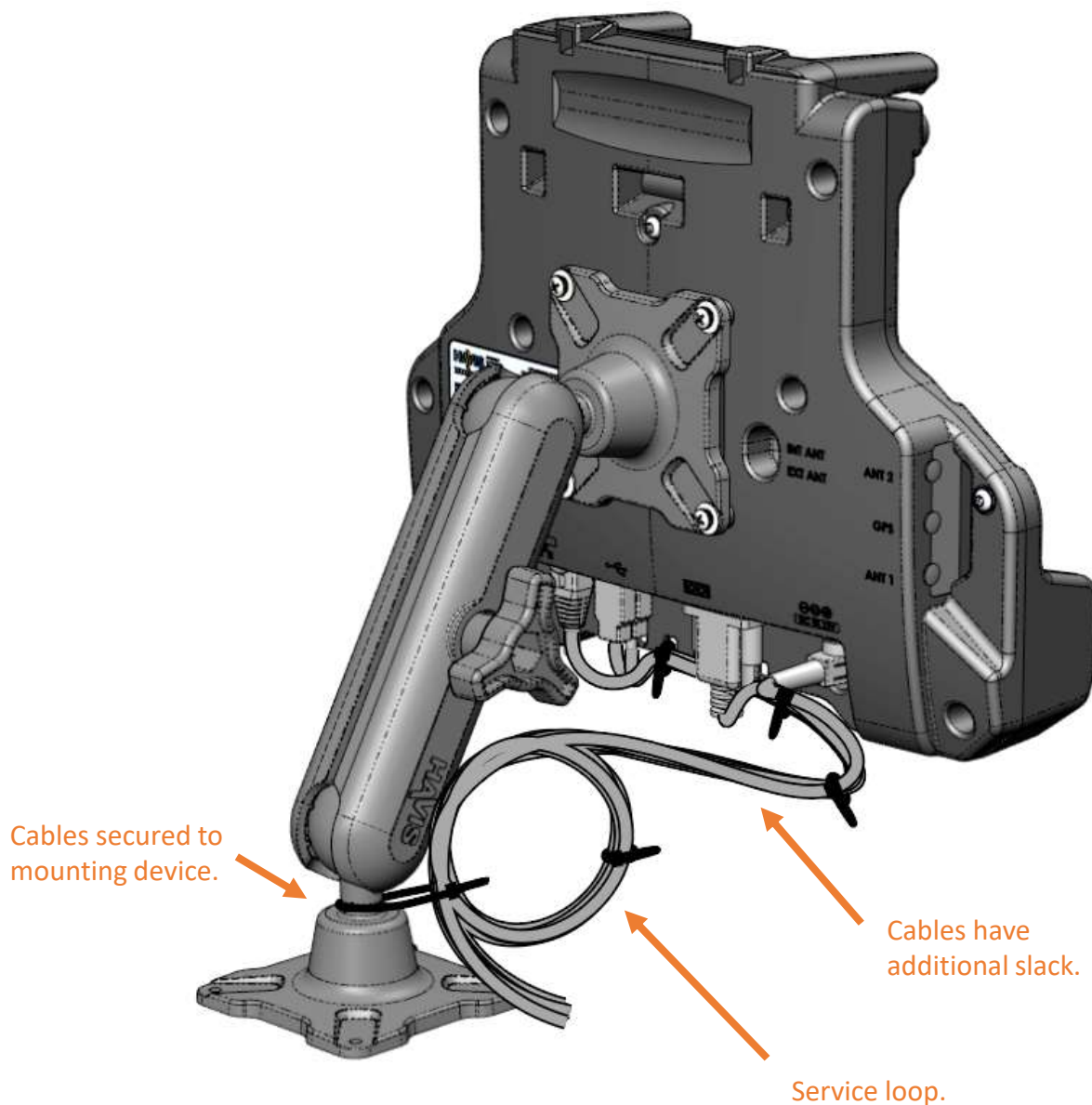


- 2) Install all desired cables. Secure the cables to the strain reliefs by using the zip ties included in the hardware kit. Then, bundle the cables together using additional zip ties.



## Cable Management *(continued)*

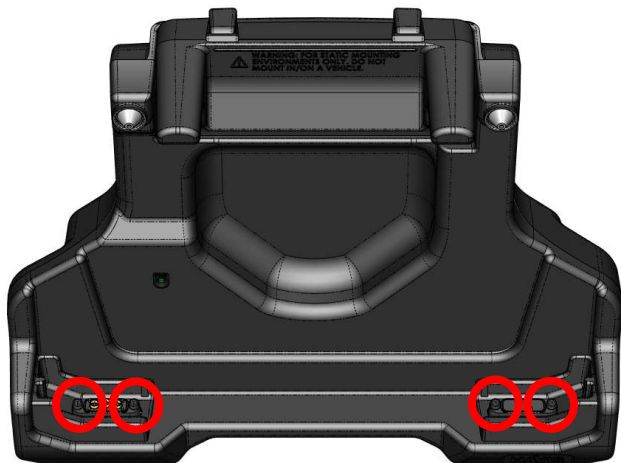
- 3) Secure the cable bundle to the mounting device with a zip tie. Make sure to leave additional slack to allow mounting device to move freely without stressing cables. If there is excess cable length, create a service loop.



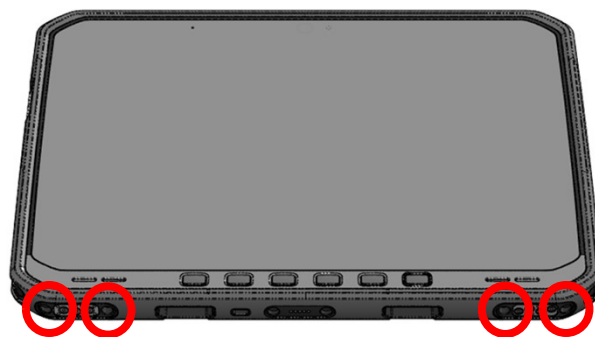
## Operation - Docking



**DO NOT FORCE THE TABLET ONTO THE DOCKING STATION. IF THERE IS RESISTANCE, CHECK THE ALIGNMENT OF TABLET ON THE DOCKING STATION.**



Alignment Posts on the SDS-ZEB-500 Series Docking Station.



Alignment Sockets on the Zebra ET6X Tablet.



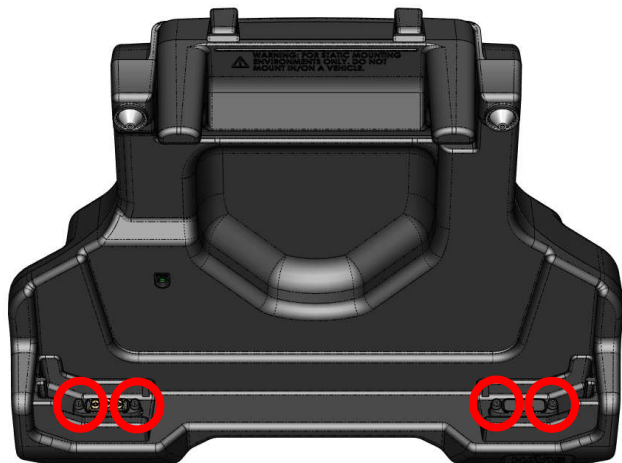
**DO NOT DOCK TABLET BACKWARDS IN THE DOCKING STATION.**



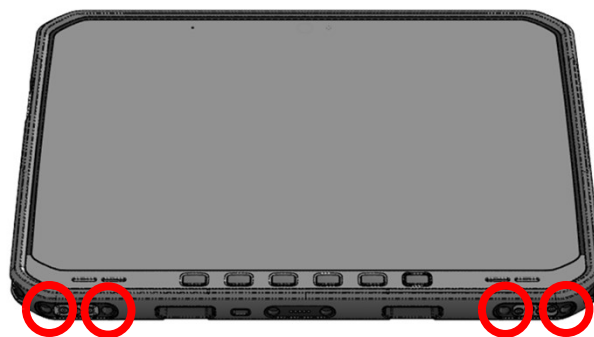
## Fonctionnement - Amarrage



**E FORCEZ PAS LA TABLETTE SUR LA STATION D'ACCUEIL. EN CAS DE RÉSISTANCE, VÉRIFIEZ L'ALIGNEMENT DE LA TABLETTE SUR LA STATION D'ACCUEIL.**



Poteaux d'alignement sur la station d'accueil de la série SDS-ZEB-500.



Douilles d'alignement sur la tablette Zebra ET6X.



**NE PAS INSÉRER LA TABLETTE À L'ENVERS DANS LA STATION D'ACCUEIL.**



## Operation - Docking

- 1) Hold the tablet in landscape orientation. Lower the bottom of the tablet onto the docking station.



- 2) Pivot the top until tablet is fully seated.



## Operation - Undocking

- 1) Remove the tablet by tilting it forward and lifting it out of the docking station.



# Regulatory Information

## Canada

### **CAN ICES-3 (B) / NMB-3 (B)**

#### Class B equipment

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

#### Équipement de Classe B

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

## United States of America

### **FCC Compliance**

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.

*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.

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

Responsible party (contact for FCC matters only):

Havis, Inc.  
75 Jacksonville Road  
Warminster, PA 18974  
[havis.com/contact-us](http://havis.com/contact-us)

# Regulatory Information *(continued)*

## European Union

### **Waste Electrical and Electronic Equipment (WEEE)**

Electrical and electronic equipment (EEE) contain materials, components and substances that can be hazardous and harmful to human health and the environment when WEEE is not disposed of properly.

Products marked with the "crossed-out wheeled bin" symbol are EEE. The crossed-out wheeled bin symbolizes that WEEE must not be disposed of together with unsorted household waste, but must be collected separately.

For this purpose, all municipalities have established collection schemes where WEEE can be handed in, free of charge, by citizens at recycling stations or other collection points or collected directly from households. Further information should be obtained from the municipality's technical administration.



This symbol on the product or on its packaging indicates that the product must not be disposed of with normal household waste. Instead, it is your responsibility to dispose of your waste equipment by arranging to return it to a designated collection point for the recycling of WEEE. By separating and recycling your waste equipment at the time of disposal, you will help to conserve natural resources and ensure that the equipment is recycled in a manner that protects human health and the environment. This product is EEE and shall not be placed in the municipal waste after end of its life. This device should be handled properly and handed over to appropriate collection places or to authorized companies.

### **Conformité Européene (CE) Mark**



The CE marking on a Havis product indicates conformity to the provisions of applicable European Union (EU) directives. The EU Declaration of Conformity (DoC) is the manufacturer's declaration that the product complies with those directives.

### **EU Authorized Representative:**

Alura Group B.V.  
Kroonwiel 2, 6003 BT Weert, Netherlands

## United Kingdom

### **United Kingdom Conformity Assessed (UKCA) Mark**



The UKCA marking on a Havis product indicates conformity to the provisions of applicable European Union (EU) directives and United Kingdom (UK) legislations. The UK Declaration of Conformity (DoC) is the manufacturer's declaration that the product complies with those directives and legislations.

### **UK Authorized Representative:**

Tailwind Solutions Limited  
Unit 2a Castle Business Centre, Queensferry Road, Pitreavie Business Park  
Dunfermline Fife, KY11 8NT  
Scotland, United Kingdom

## Related Products

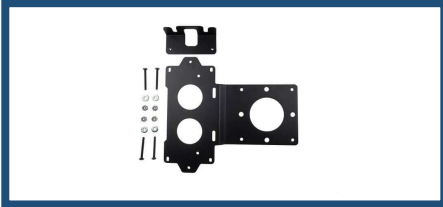
Havis offers a wide variety of accessory products specifically for use with your Docking Station. For more information or to order, please visit [www.havis.com](http://www.havis.com).



### LPS-192

#### 120W US AC Power Supply

Compatible power supply for the SDS-ZEB-500 Series Stationary Docking Stations.



### LPS-211

#### Multipurpose Bracket

Multipurpose bracket to secure power supplies on Havis docking stations or cradles.



### DS-DA-604

#### Rugged USB-C Port Replication Hub

Two Type C and two Type A USB 3.1 ports and a Gigabit RJ45 port.



### MD-503

#### Rugged Warehouse Logistics Wall Mount

Durable, heavy duty mount ideal for flat surface applications.



### DS-DA-218

#### Desktop Stand

Durable stand for mounting the docking station in the home or office.