

# Owner's Manual Havis Docking Station For Getac/S510

## DS-GTC-1400 Series

This Owner's Manual applies to the following Part Numbers:

DS-GTC-1401  
DS-GTC-1401-3  
DS-GTC-1402  
DS-GTC-1402-3

DS-GTC-1403  
DS-GTC-1403-3  
DS-GTC-1406  
DS-GTC-1406-3



DS-GTC-1400-SERIES\_OMN\_10-24

# Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the DS-GTC-1400 Series Docking Station for the Getac S510 Laptop.

For questions regarding the set-up of your DS-GTC-1400 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

- NEVER STOW OR MOUNT THE DOCKING STATION DIRECTLY IN A VEHICLE AIRBAG DEPLOYMENT ZONE.
- DO NOT USE COMPUTER WHILE DRIVING.
- 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 LAPTOP.
- CUSTOMERS USING HAVIS S510 DOCKING STATIONS WITH PORT REPLICATION: DO NOT CONNECT A SECOND POWER SOURCE DIRECTLY TO THE POWER INPUT JACK OF A DOCKED COMPUTER AS THIS MAY CAUSE DAMAGE TO THE COMPUTER OR POWER SOURCES.

## 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.
- DO NOT DOCK OR UNDOCK YOUR COMPUTER UNLESS IT IS POWERED OFF. DOCKING OR UNDOCKING WITH YOUR COMPUTER IN ON, STANDBY, HIBERNATION, OR SLEEP MODES CAN CAUSE PERMANENT DAMAGE.
- FOR THE DS-GTC-1401, DS-GTC-1401-3, DS-GTC-1402, & DS-GTC-1402-3 DOCKING STATIONS: DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE: THIS PRODUCT REQUIRES A CERTIFIED, AUTOMOTIVE GRADE, GETAC APPROVED 120W POWER SOURCE RATED FOR A CONTINUOUS, REGULATED 19 VDC OUTPUT (*HAVIS PART NUMBER LPS-140 OR EQUIVALENT*). FAILURE TO COMPLY WITH THIS REQUIREMENT WILL CAUSE PRODUCT DAMAGE THAT IS NOT REPAIRABLE AND IS NOT COVERED UNDER WARRANTY.
- FOR THE DS-GTC-1403, DS-GTC-1403-3, DS-GTC-1406, & DS-GTC-1406-3 DOCKING STATIONS (CRADLES): DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE: THIS PRODUCT REQUIRES A CERTIFIED, GETAC APPROVED POWER SOURCE RATED FOR A CONTINUOUS, REGULATED 19 VDC OUTPUT. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL CAUSE PRODUCT DAMAGE THAT IS NOT REPAIRABLE AND IS NOT COVERED UNDER WARRANTY.
- THE DS-GTC-1400 SERIES DOCKING STATION IS ONLY COMPATIBLE WITH THE GETAC S510.
- USE ONLY THE SPECIFIED POWER SUPPLY (PART # LPS-140) WITH THIS DOCKING STATION.
- 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 85°C, 185°F) FOR AN EXTENDED PERIOD OF TIME (MORE THAN 72 HOURS).

## CAUTION

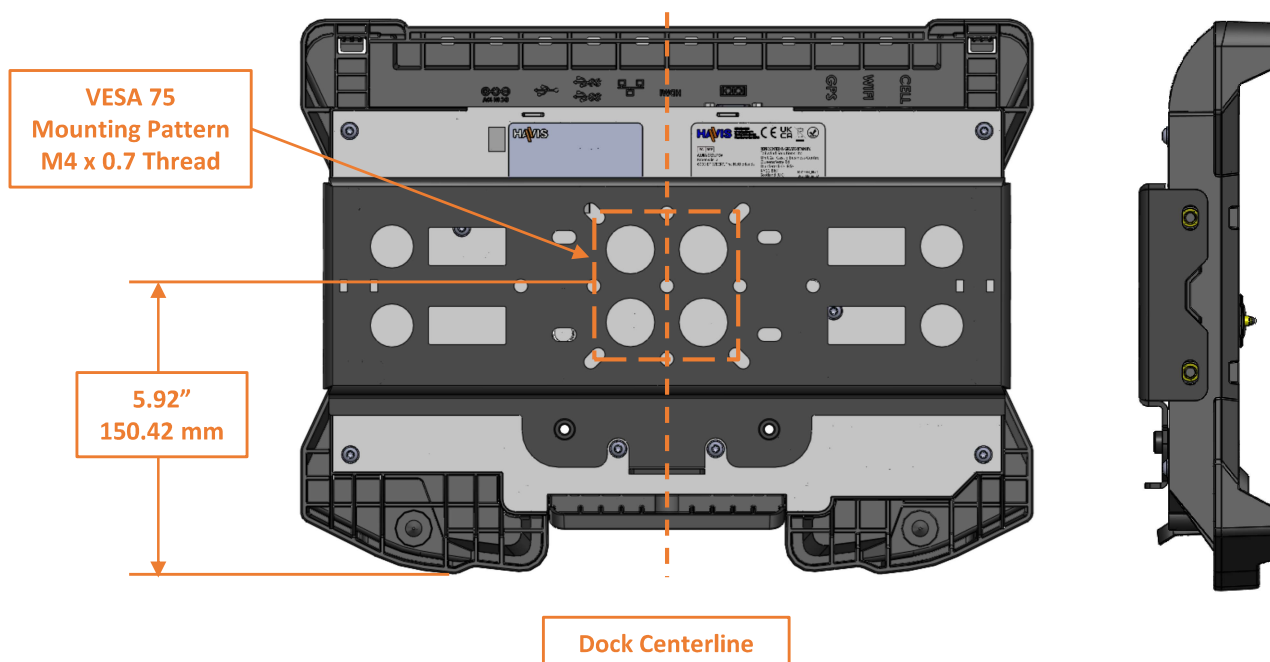
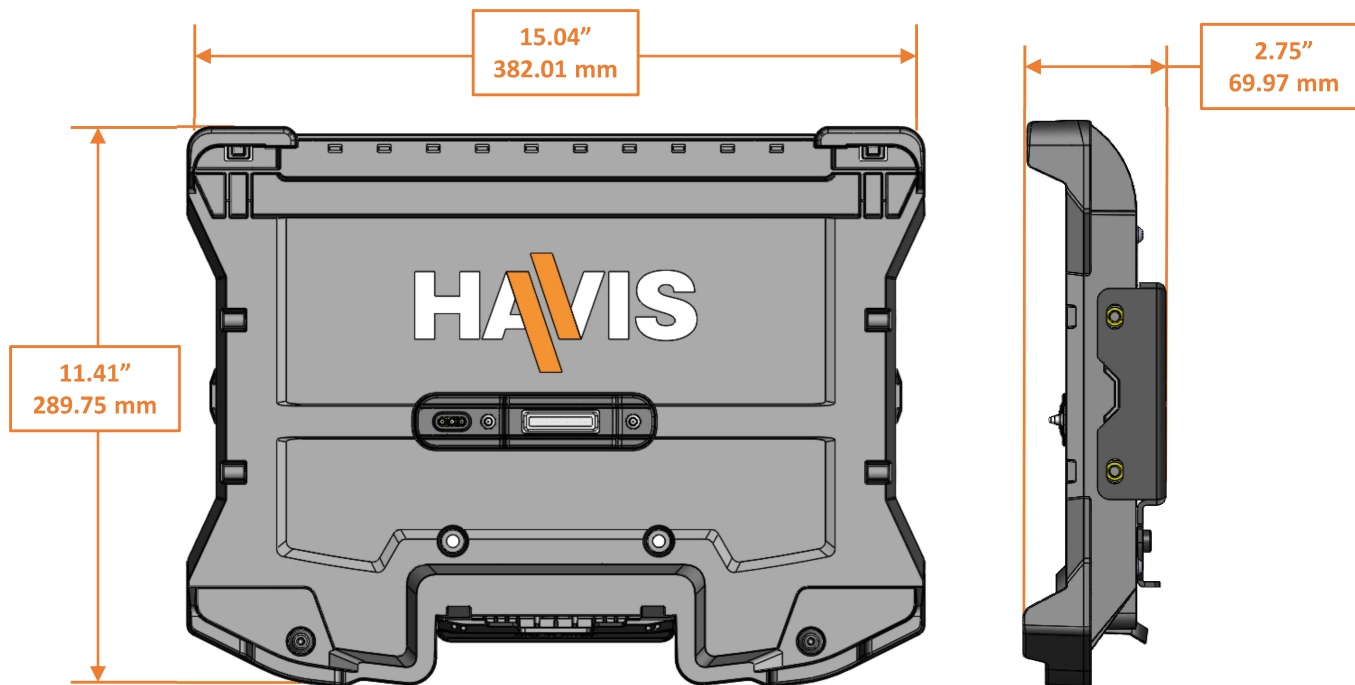
THE DS-GTC-1400 SERIES DOCKING STATION IS ONLY COMPATIBLE WITH THE GETAC S510

## NOTICE

- FOR DOCKING STATION MODELS EQUIPPED WITH A BUNDLED POWER SUPPLY (DS-GTC-1402, DS-GTC-1402-3, DS-GTC-1406 & DS-GTC-1406-3) REFER TO THE SUPPLIED POWER SUPPLY REFERENCE GUIDE.
- WHEN LAPTOP IS DOCKED, THE BATTERY WILL ONLY CHARGE BETWEEN 2°C TO 50°C (35°F TO 122°F). PLEASE REFER TO GETAC S510 LAPTOP OWNER'S MANUAL FOR MORE INFORMATION.

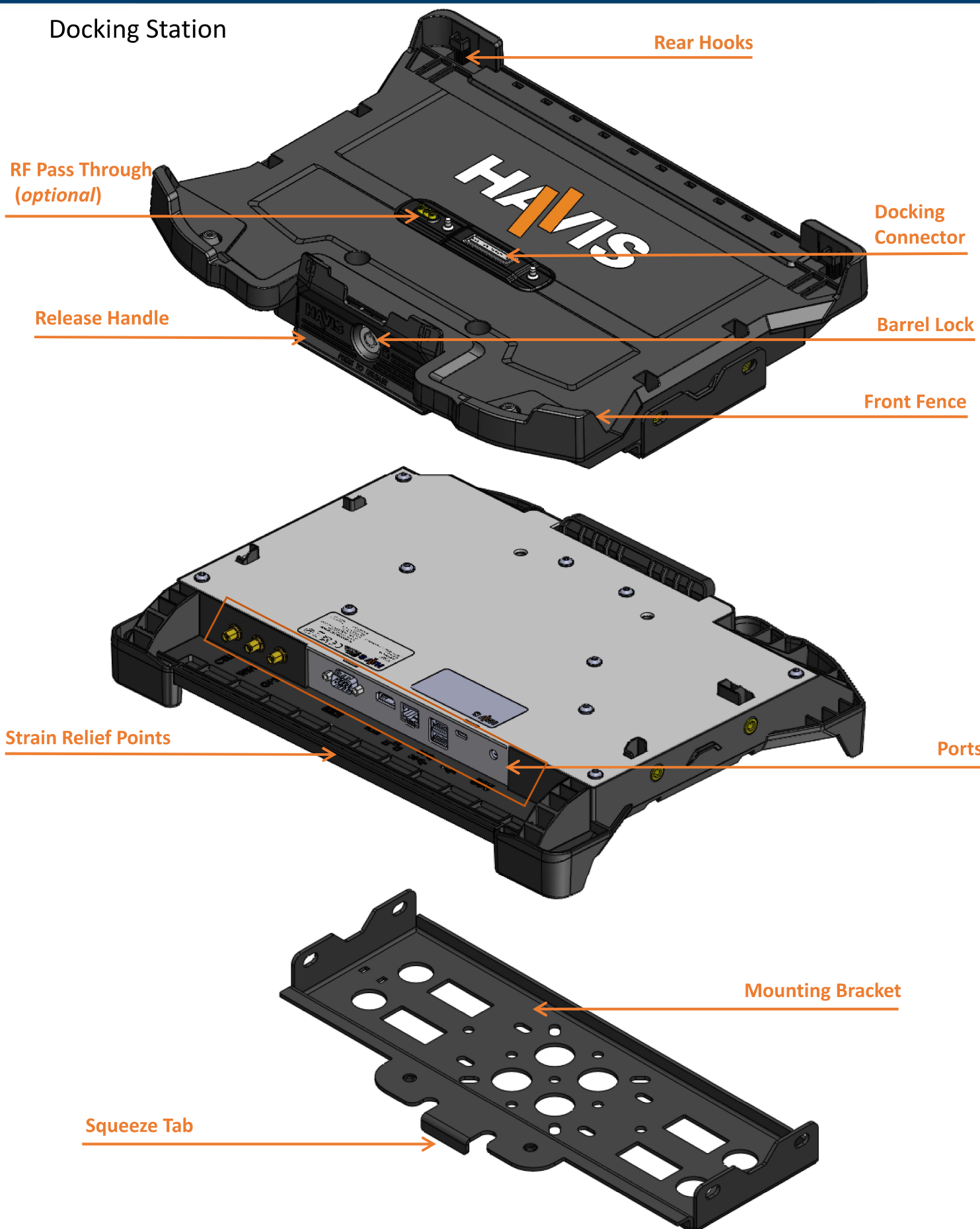
# Specifications

Power Supply Input	19VDC/6.32A
Dimensions	11.41" (28.98 cm) H x 15.04" (38.20 cm) W x 2.75" (6.99 cm) D
Weight	5.7 lbs. (2.59 kg)
Operating Environment	-29° C to 63° C (-20° F to 145° F)
Storage Environment	-40° C to 85° C (-40° F to 185° F)



# Parts Included

## Docking Station





## Parts Included (continued)

### Hardware Kit (No. XXXXX)

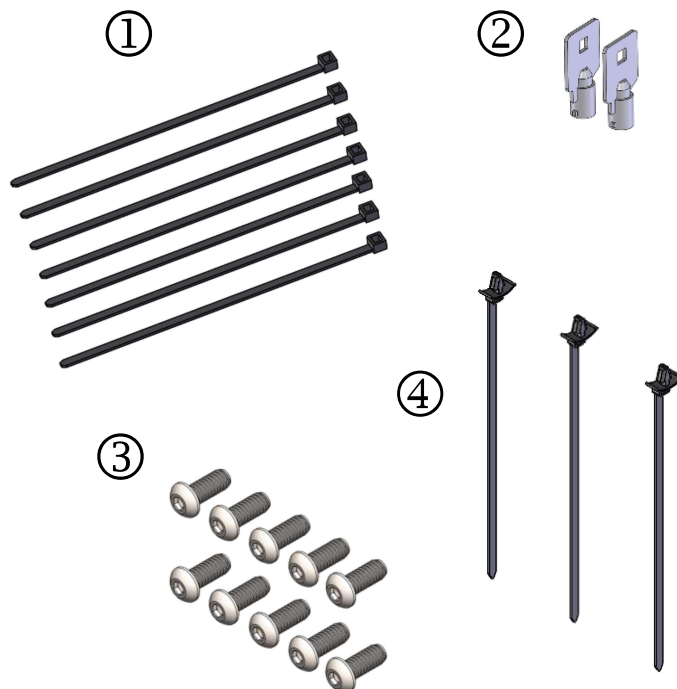
This Hardware Kit includes:

1. Zip Ties (7)
2. Keys (2)
3. 1/4"-20 x 5/8" long Button Head Screws (10)
4. Zip Ties (3)

Tools required for installation:

5/32" Hex Drive

(For attaching Mounting Bracket to Motion Device with Button Head 1/4"-20 Screws)



## Antenna Identification

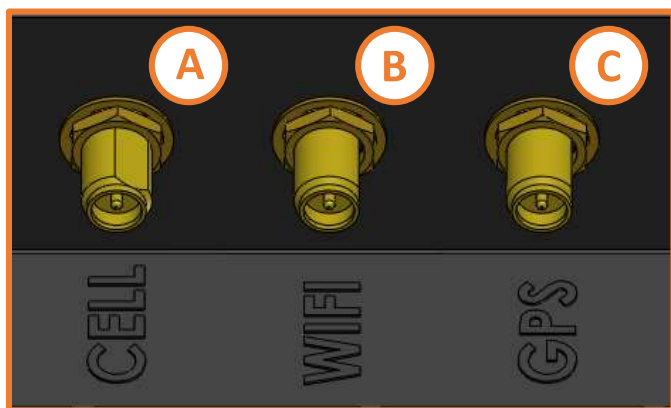
*DS-GTC-1401-3, DS-GTC-1402-3, DS-GTC-1403-3, & DS-GTC-1406-3*

**A – CELLULAR**

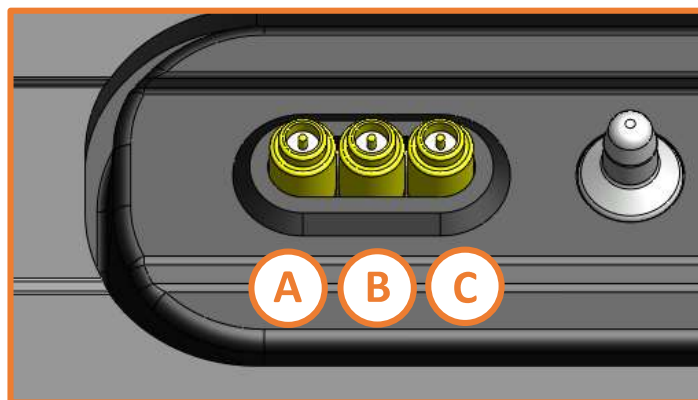
**B – WIFI**

**C – GPS**

Rearward Facing  
Antenna Connectors (SMA)



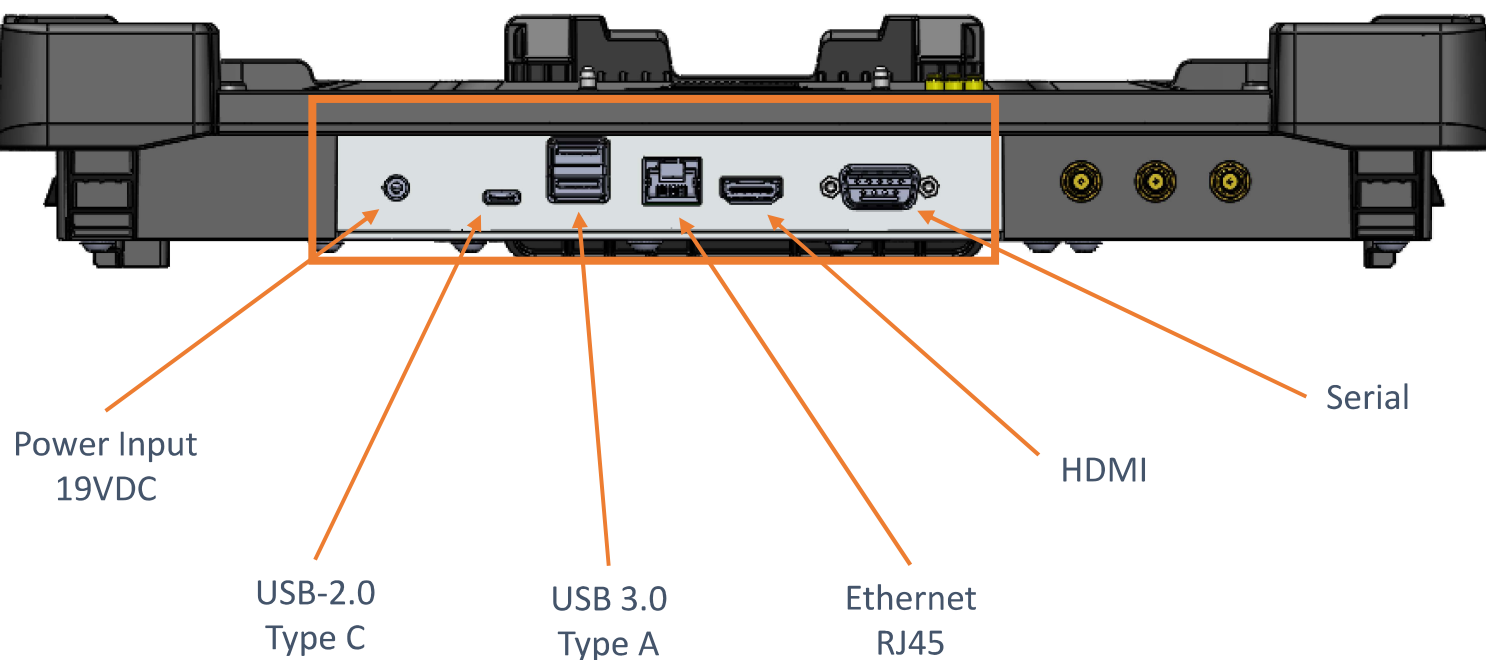
Laptop Interface



## Port Replication Capability

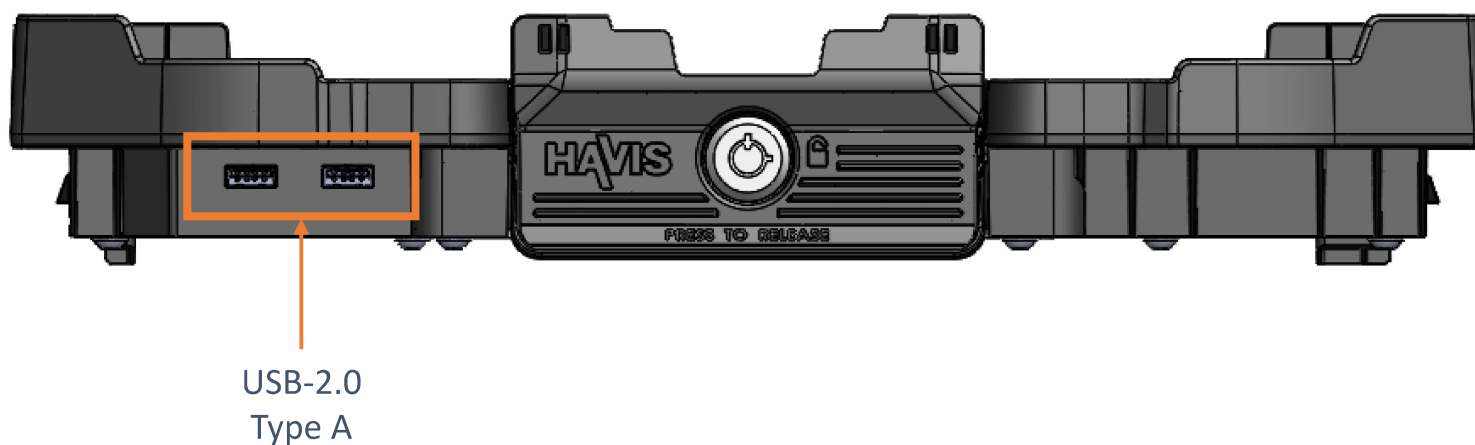
### Rearward Facing Ports

*DS-GTC-1401, DS-GTC-1401-3, DS-GTC-1402, DS-GTC-1402-3*



### Forward Facing Ports

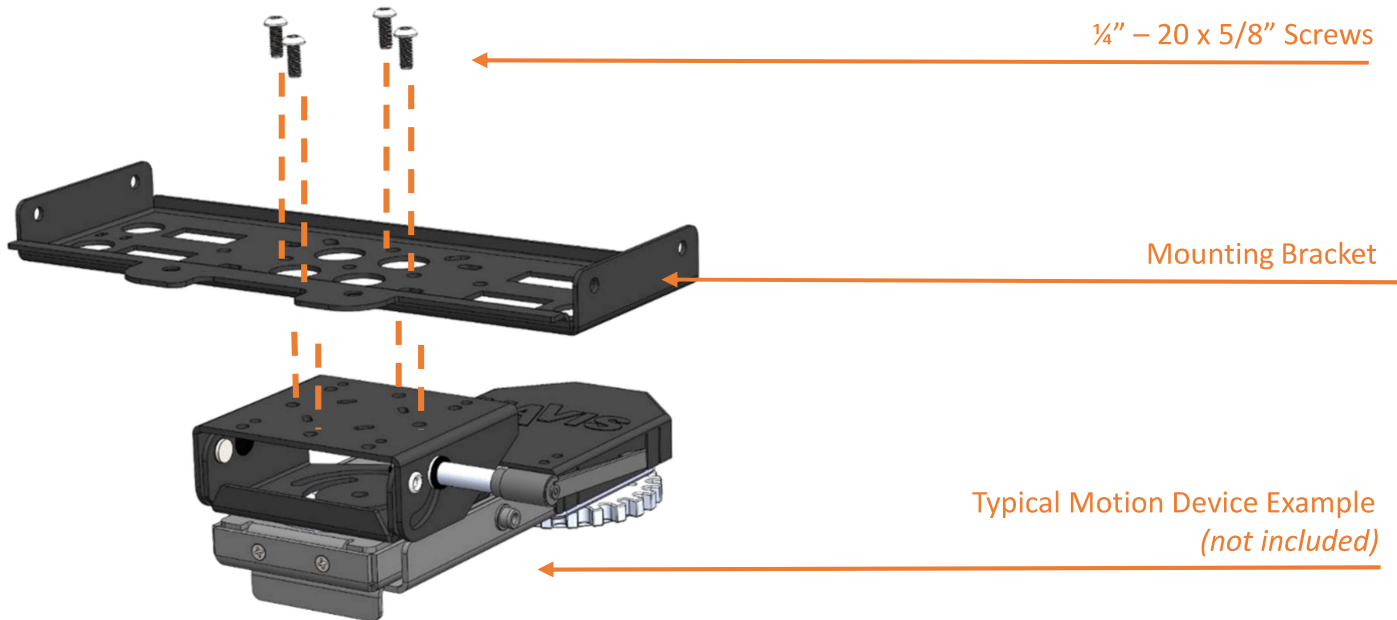
*DS-GTC-1401, DS-GTC-1401-3, DS-GTC-1402, DS-GTC-1402-3*



# Installation

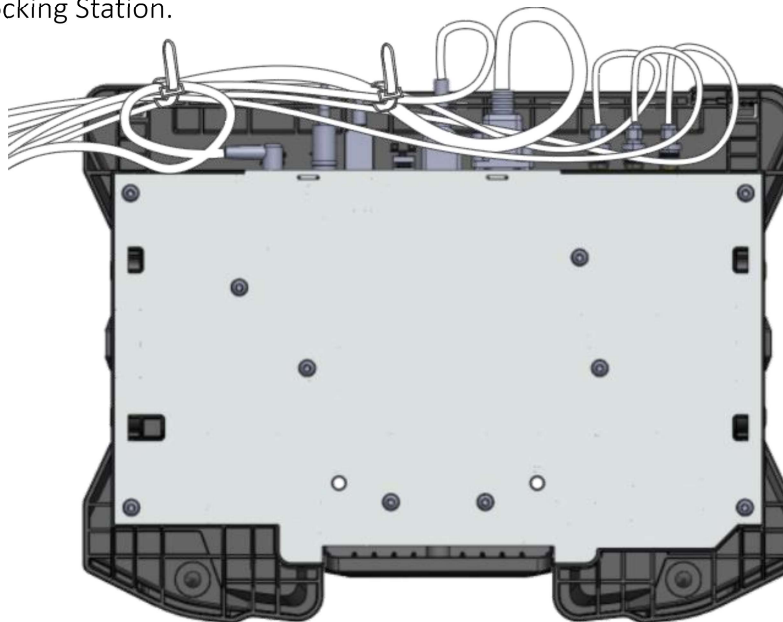
- 1) Remove the mounting bracket from the packaging. Install the mounting bracket to the motion device using (4) 1/4"-20 x 5/8" screws (Hardware Kit Item 3). Torque screws to 80 in-lbs. (9.0Nm)  $\pm$  10%.

**NOTE:** Numerous hole patterns present in the mounting bracket will accommodate Havis motion devices as well as most third-party motion devices. Additional hardware may be required for mounting depending on the mounting device selected.



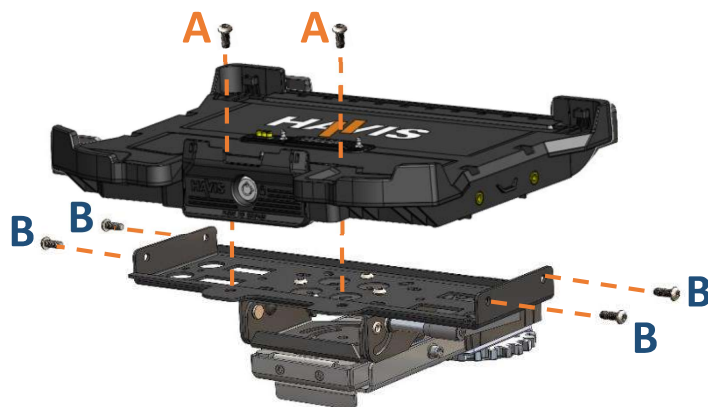
**NOTE: We recommend applying a drop of medium strength (blue) thread locking adhesive to the threads of all fasteners.**

- 2) Orient the Docking Station in a position that is comfortable to work with.
- 3) Install all cables that are necessary for computing needs. Use Zip Ties (Hardware Kit Item 1) to strain relieve cables to the Strain Relief Points, routing all cables together through the Cable Channel and out the rear of the Docking Station.

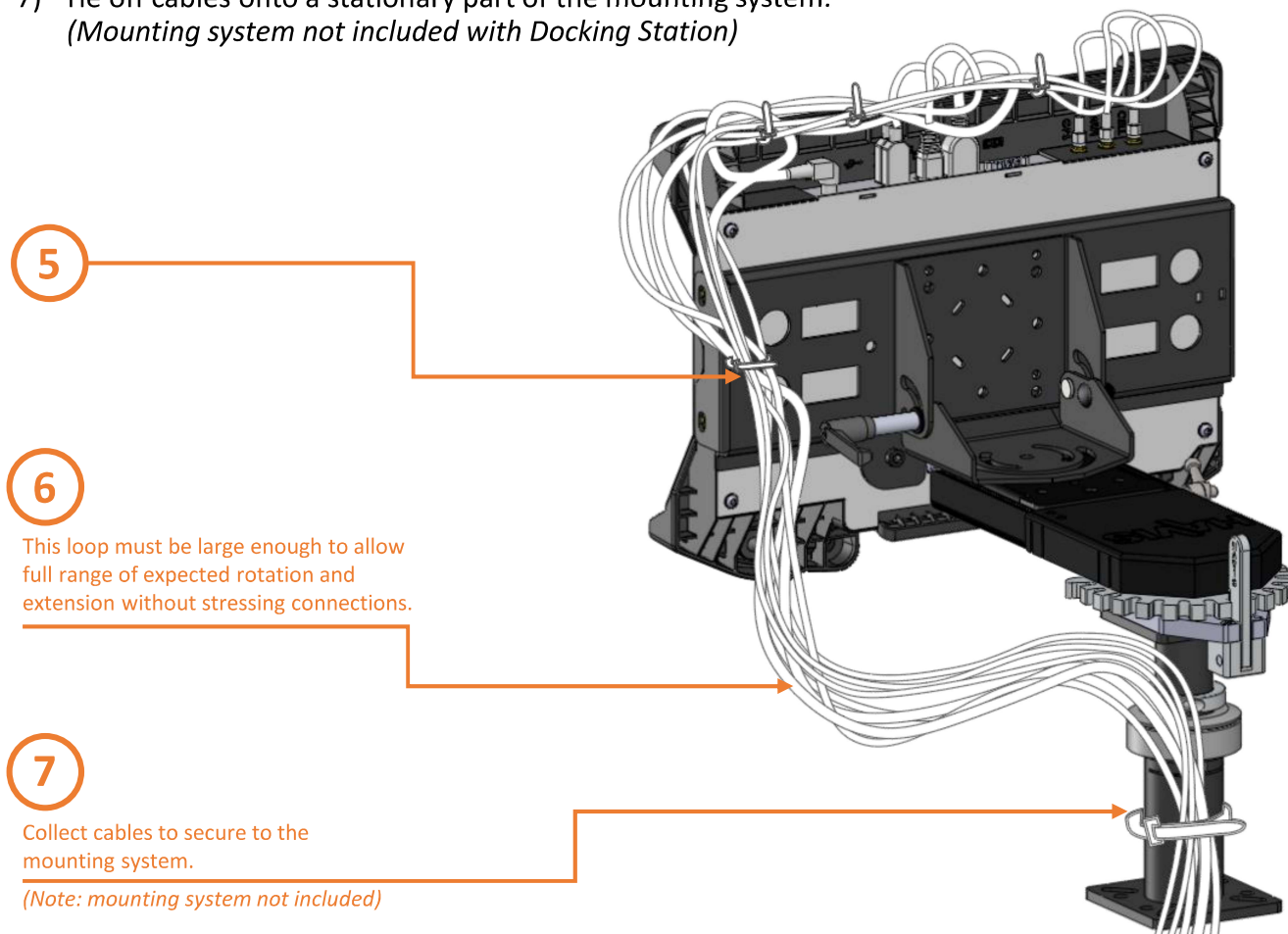


## Installation & Cable Management *(continued)*

- 4) Lower the Docking Station to the Mounting Bracket as shown and secure with (6) 1/4" -20 x 5/8" long screws (Hardware Kit Item 3) in the order shown below. First secure the screws designated with the orange (A) then the remaining 4 fasteners (B). Ensure cable bundle remains in Cable Channel before securing. Torque screws to 80-in (9.0 Nm)  $\pm$  10%.



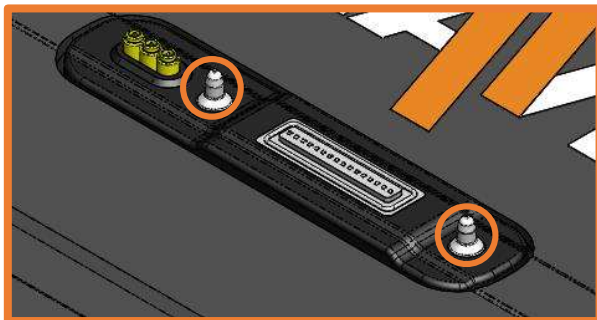
- 5) Secure cable bundle to the Mounting Bracket with a supplied Zip Tie.
- 6) Create a service loop with cable bundle to ensure that no tension is on the connectors and to enable intended range of motion.
- 7) Tie off cables onto a stationary part of the mounting system.  
*(Mounting system not included with Docking Station)*



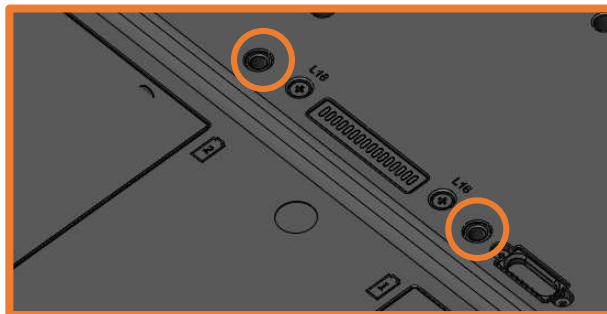
## Operation - Docking

### CAUTION

**DO NOT FORCE S510 LAPTOP ONTO THE DOCKING STATION. IF THERE IS RESISTANCE, CHECK THE ALIGNMENT OF LAPTOP ON THE DOCKING STATION.**

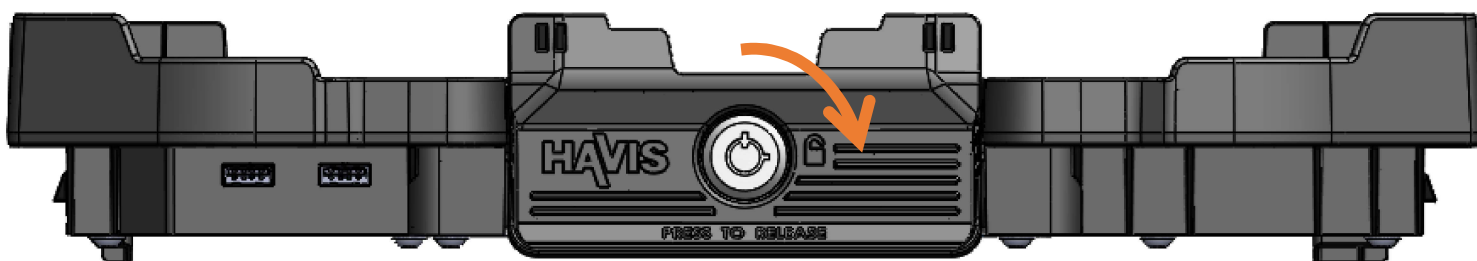


Alignment Posts on the DS-GTC-1400 Series Docking Station



Alignment Sockets on the Computer Make and Model.

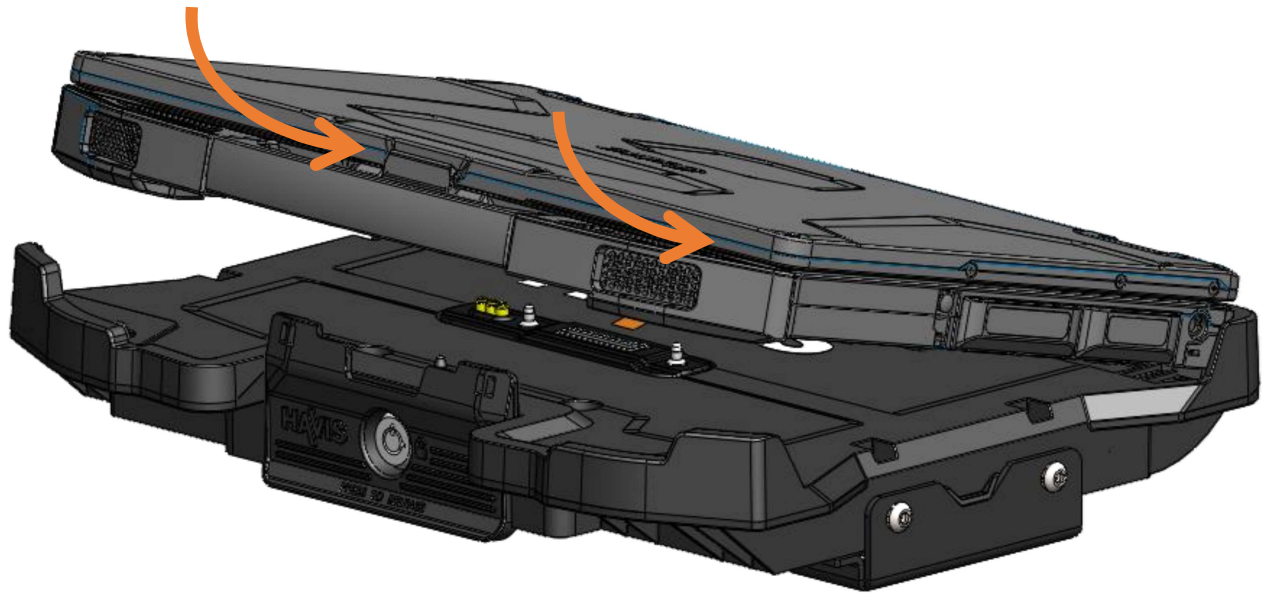
- 1) Ensure the Docking Station is unlocked.



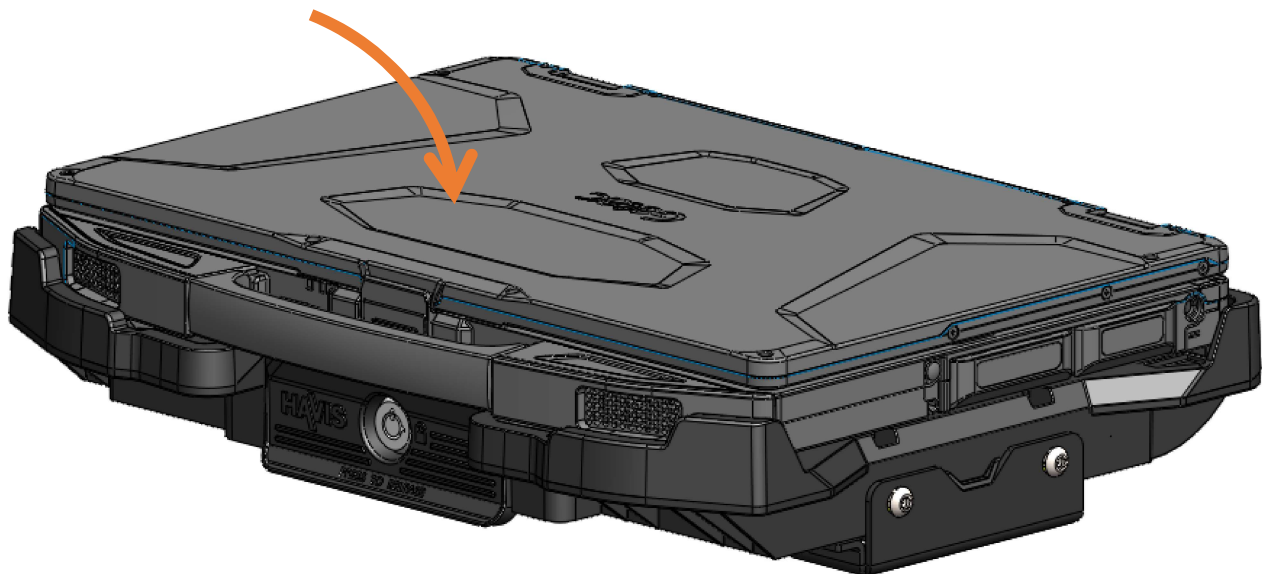


## Operation - Docking (continued)

- 3) With the front of computer elevated, load rear of computer into Docking Station ensuring the computer's rear hook pockets align with the Rear Hooks of the Docking Station as shown.



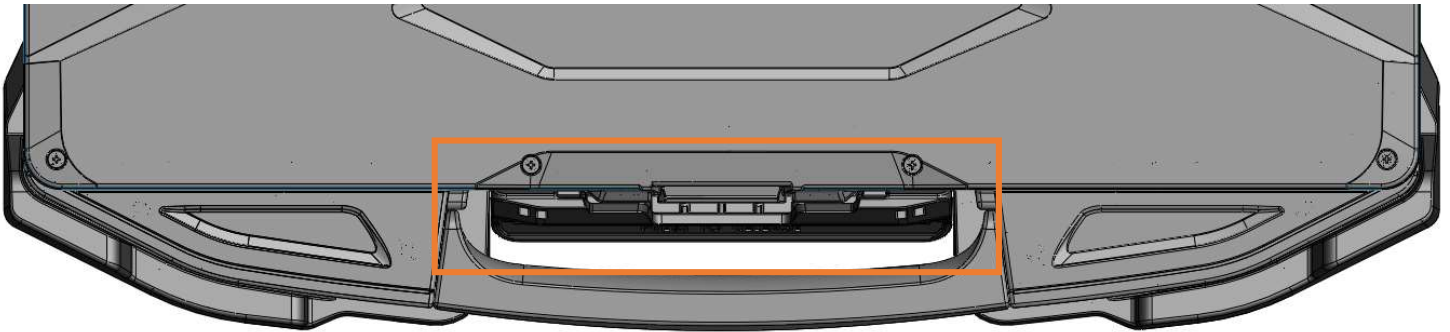
- 4) Lower front of computer onto Docking Station, ensuring computer properly aligns with the front fence on the Docking Station. Apply downward pressure to the front of computer, until Front Hooks on Docking Station snap into place and secure the computer. Ensure Front Hooks are fully engaged by trying to pull up on the laptops handle.



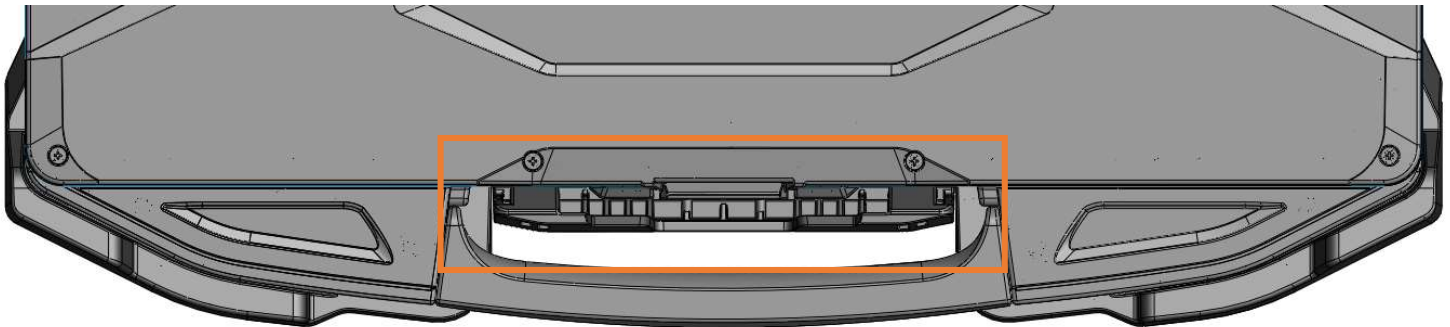
## Operation - Docking (continued)

5) Ensure latch hooks are fully engaged. Pictured below

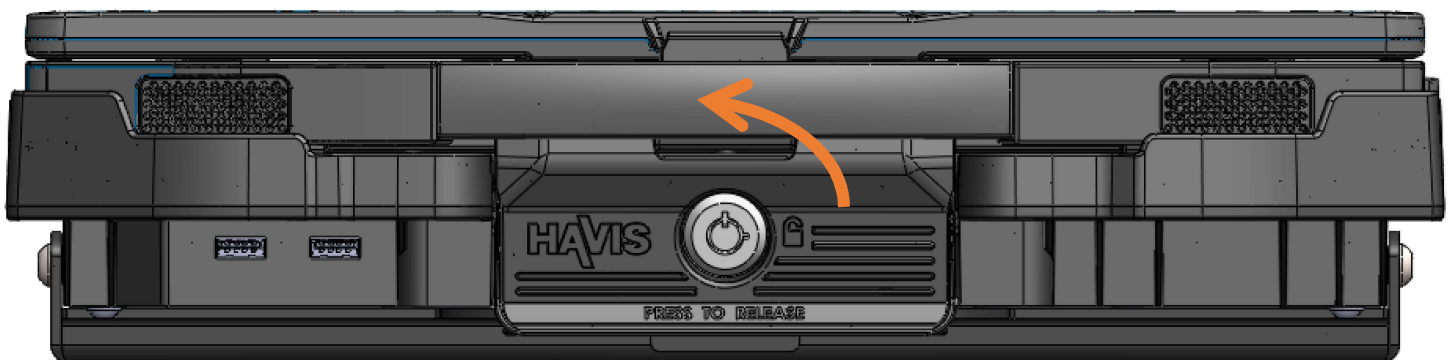
### Fully Latched



### NOT Fully Latched, must re-dock the laptop

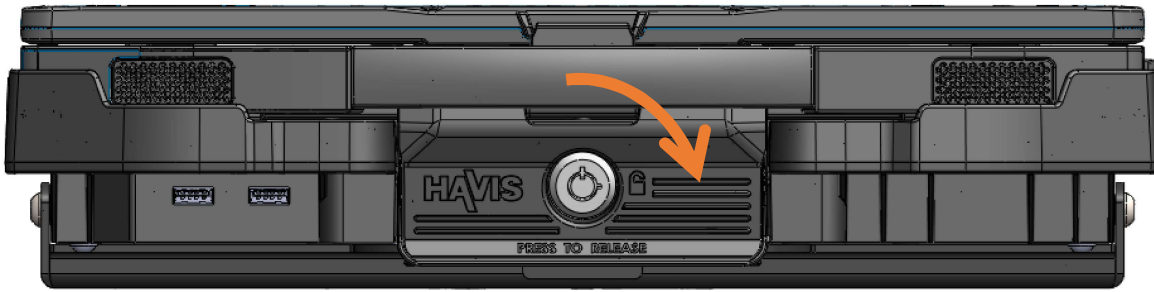


6) For theft deterrence, secure computer by locking Docking Station with supplied key (Hardware Kit item 2).

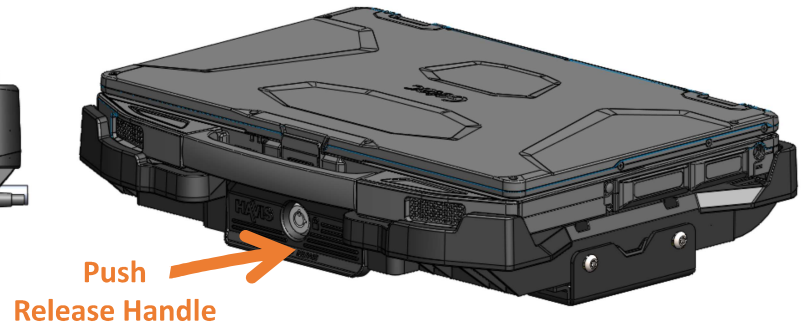
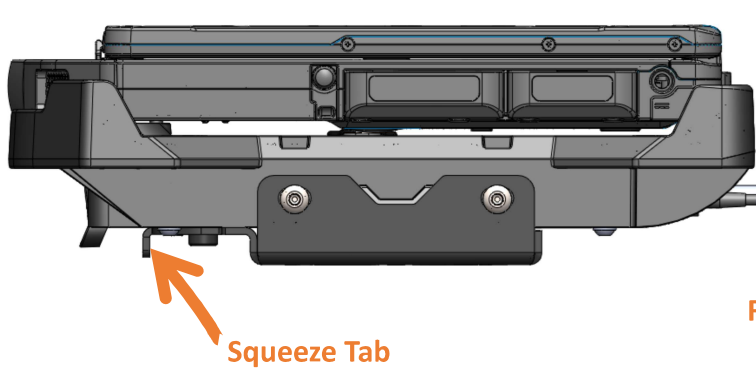


# Operation - Undocking

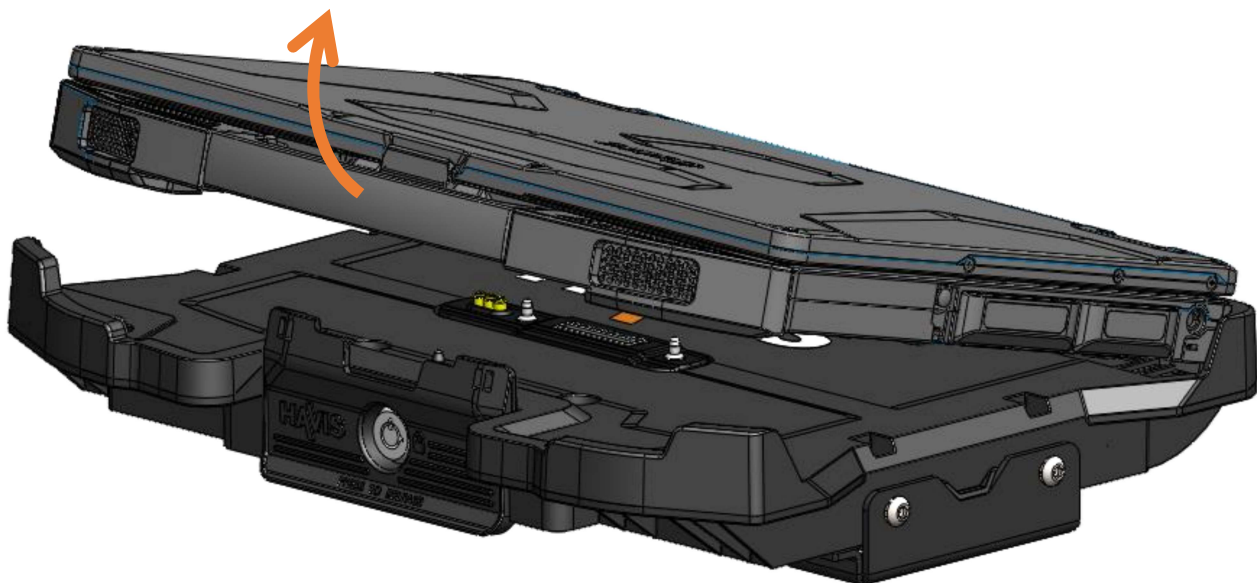
- 1) If previously locked, unlock Docking Station using supplied key (Hardware Kit item 2)..



- 2) Unlatch computer from Docking Station by placing fingers behind the Squeeze Tab and pushing on the Release Handle with thumb in the direction shown below. Once unlatched the computer will rise above the front latch hooks.



- 3) Once unlatched grab laptop from carry handle or each side and carefully lift out of 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.



## 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-140**

#### ***120W Power Supply***

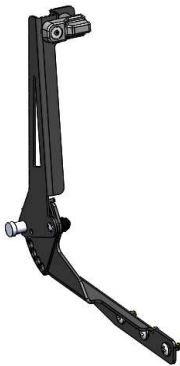
External in-vehicle power supply and cable for Getac S510 Laptop with cigarette lighter adapter.



### **LPS-211**

#### ***Power Supply Mounting Bracket***

Mount a power supply directly to your Docking Station with this versatile bracket.



### **DS-DA-418**

#### ***Screen Support***

Secure your laptop screen to prevent excess wear and reduce vibration while in use.



### **DS-DA-231**

#### ***Card Reader Mounting Brackets***

Mount an E-Seek M250/260 card reader, or Magtek card reader to the side of the Docking Station.



### **DS-DA-501**

#### ***Replacement Keys***

Set of two (2) replacement keys for DS-GTC-1400 Series Docking Stations.