

Owner's Manual

Havis Docking Station for Dell Latitude Rugged 12 Tablet

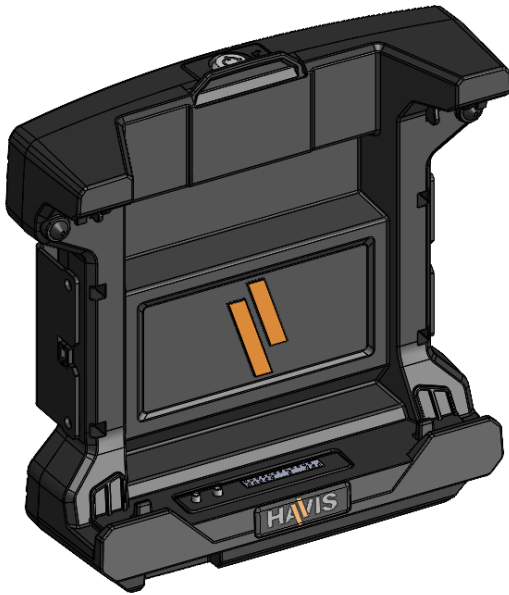
DS-DELL-600 Series

DS-DELL-601
DS-DELL-601-2
DS-DELL-602
DS-DELL-602-2

DS-DELL-603
DS-DELL-603-2

DS-DELL-607
DS-DELL-607-2

DS-DELL-608
DS-DELL-608-2



Havis is pleased to provide this Owner’s Manual to aid in the proper installation and use of the DS-DELL-600 Series Docking Station for Dell Latitude Rugged 12 Tablet.

For questions regarding the set-up of your DS-DELL-600 Series Docking Station, please contact Havis at 1-800-524-9900 or visit www.havis.com for additional product support and information.

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

- | | | | | |
|---------------|---------------|---------------|---------------|---------------|
| DS-DELL-601 | DS-DELL-602 | DS-DELL-603 | DS-DELL-607 | DS-DELL-608 |
| DS-DELL-601-2 | DS-DELL-602-2 | DS-DELL-603-2 | DS-DELL-607-2 | DS-DELL-608-2 |

⚠ WARNING

- **NEVER STOW OR MOUNT THE DOCKING STATION DIRECTLY IN A VEHICLE AIRBAG DEPLOYMENT ZONE.**
- **DO NOT USE COMPUTER WHILE DRIVING.**

⚠ CAUTION

- **READ ALL INSTRUCTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION.**
- **DO NOT STORE, INSTALL, OR OPERATE THE DOCKING STATION WHERE WATER, MOISTURE, STEAM, DUST, ETC. ARE PRESENT**
- **FOR THE DS-DELL-601, DS-DELL-601-2, DS-DELL-602, DS-DELL-602-2, DS-DELL-607, DS-DELL-607-2, DS-DELL-608, DS-DELL-608-2 DOCKING STATIONS: DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE:** This product requires a certified, automotive grade, Dell approved 90W power source rated for a continuous, regulated 19.5VDC output (Havis Part Number LPS-138 or equivalent). Failure to comply with this requirement will cause product damage that is NOT covered under warranty.

NOTICE

- **FOR DOCKING STATION MODELS EQUIPPED WITH A BUNDLED POWER SUPPLY (DS-DELL-602, DS-DELL-602-2, DS-DELL-608, DS-DELL-608-2) REFER TO THE SUPPLIED LIND POWER SUPPLY REFERENCE GUIDE.**

EC DECLARATION OF CONFORMITY

Manufacturers Name: Havis, Inc.
Manufacturers Address: 75 Jacksonville Road, Warminster, PA 18974 USA

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product name:	Tablet Docking Station
Model:	DS-DELL-60x, where 'x' may be any alphanumeric character and which describes product options. May be followed by any alphanumeric characters which describe product options.
(Object of Declaration)	
Product Options:	This declaration covers all options of the above product which bear the CE Marking.

Is in conformity with the following directives, standards, or other normative documents:

EMC Directive 2014/30/EU	EN 55022::2010/AC:2011
	EN 55024:2010

RoHS Directive 2011/65/EU	EN 50581:2012
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The object of the declaration described above is in conformity with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Supplementary Information:

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation.

Signed for and on behalf of Havis, Inc.: Warminster, PA, USA	August 13, 2015	Bruce Jonik, Director of Engineering , Havis, Inc.
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FCC 47CFR, Part 15 compliance:

This is an FCC Class B device. Any changes or modifications to the model DS-DELL-60X not expressly approved by Havis, Inc. could void the user's authority to operate this equipment.

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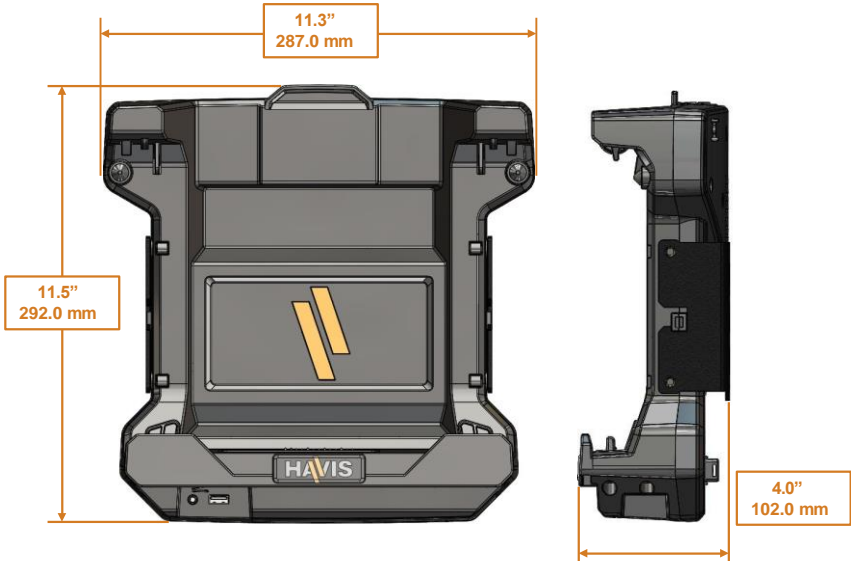
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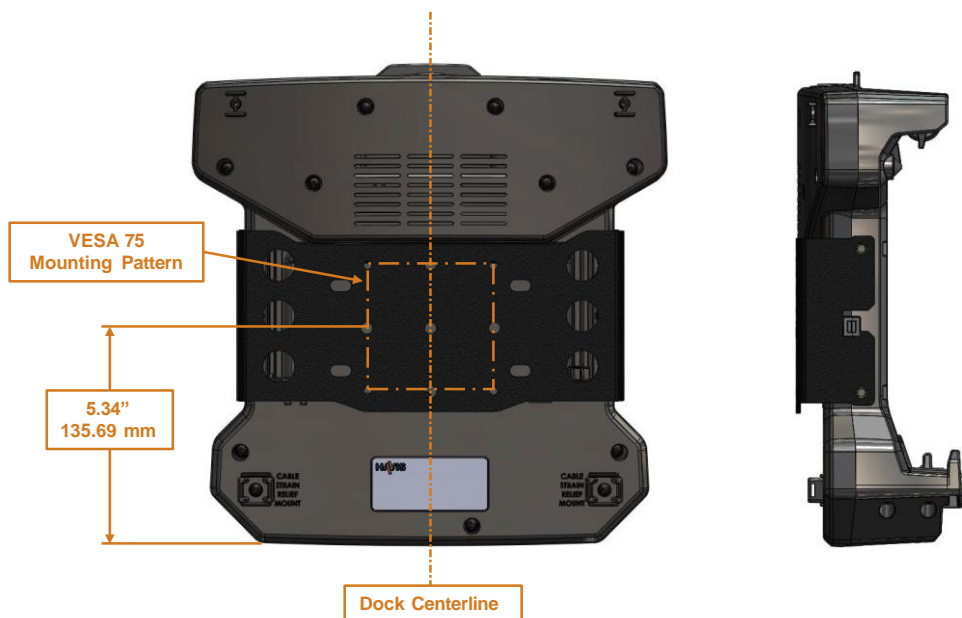
Precautions

- 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 tablet
- Use only the specified Power Supply (Part # LPS-138 or equivalent) 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 a long period of time

Specifications

Power Supply Input	DS-DELL-601, 601-2 DS-DELL-602, 602-2 DS-DELL-607, 607-2 DS-DELL-608, 608-2	External Power Supply (LPS-138 DC-DC)	19.5V DC-In
Dimensions	11.5" (29.2 cm) H x 11.3" (28.7 cm) W x 4.0" (10.2 cm) D		
Weight	4.88 lbs (2.21 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)		



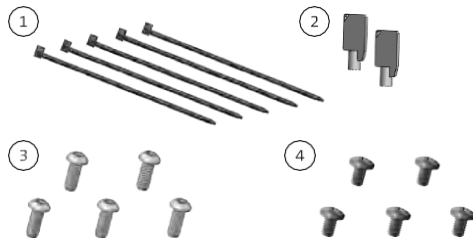


Parts Included

Hardware Kit (HWK-0036)

This Hardware Kit includes:

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

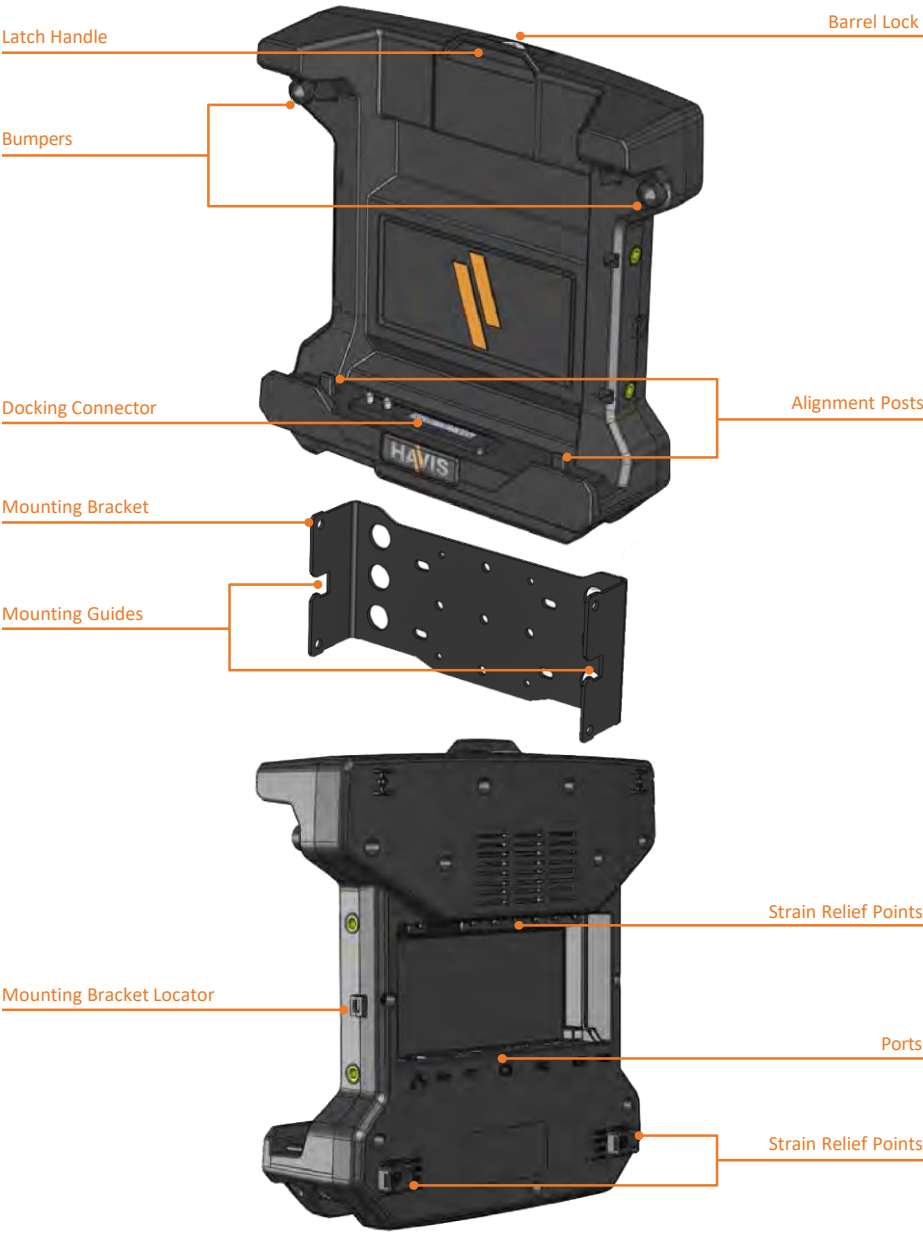


Tools required for installation:

- #3 Phillips
(For attaching Mounting Bracket to Docking Station with Pan Head 1/4"-20 Screws)
- 5/32" Hex Drive
(For attaching Mounting Bracket to Motion Device with Button Head 1/4"-20 Screws)

Parts Included (continued)

Docking Station



Port Replication Capability

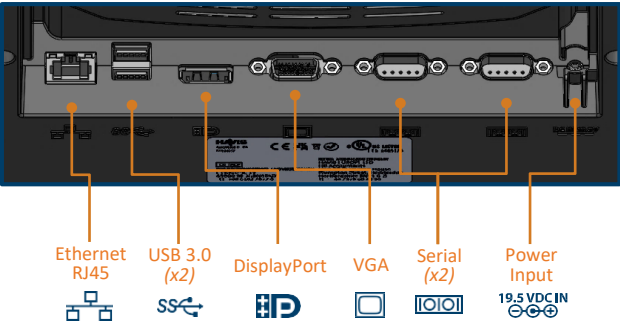
Forward Facing Ports

(All Docking Stations, not including DS-DELL-603 & DS-DELL-603-2)



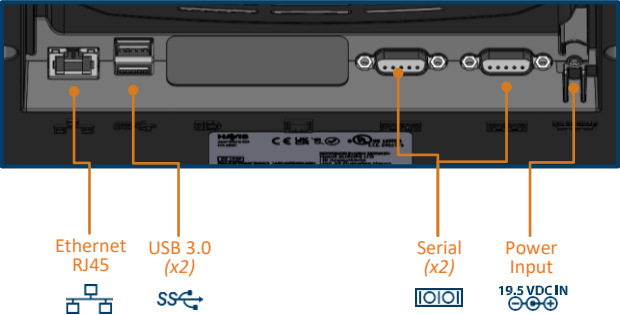
Rear Ports – Advanced Electronics

(DS-DELL-601, DS-DELL-601-2, DS-DELL-602, DS-DELL-602-2)



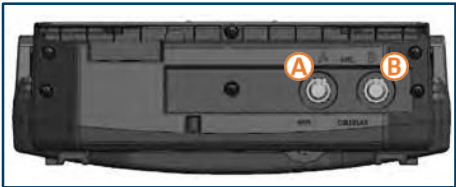
Rear Ports – Standard Electronics

(DS-DELL-607, DS-DELL-607-2, DS-DELL-608, DS-DELL-608-2)

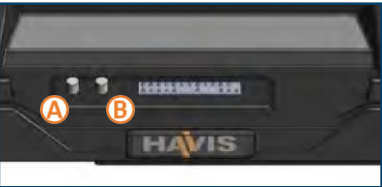


Antenna Identification (DS-DELL-601-2, 602-2, 603-2, 607-2, 608-2)

Downward Facing Antennas



Tablet Interface



A WIFI **B CELLULAR**

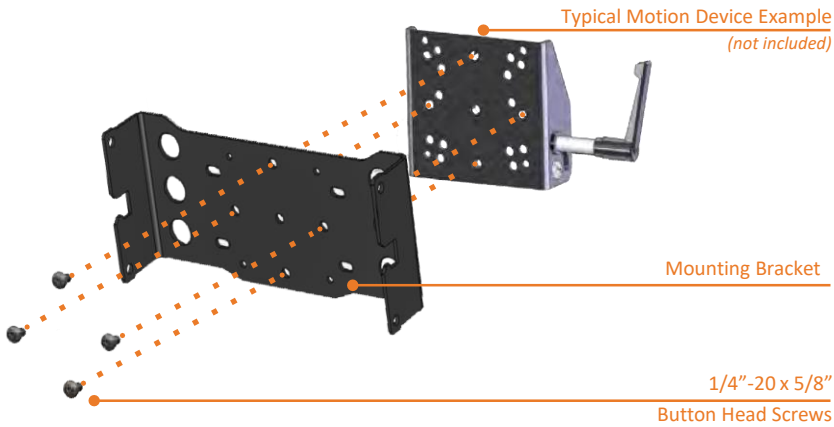
Installation and Cable Management

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

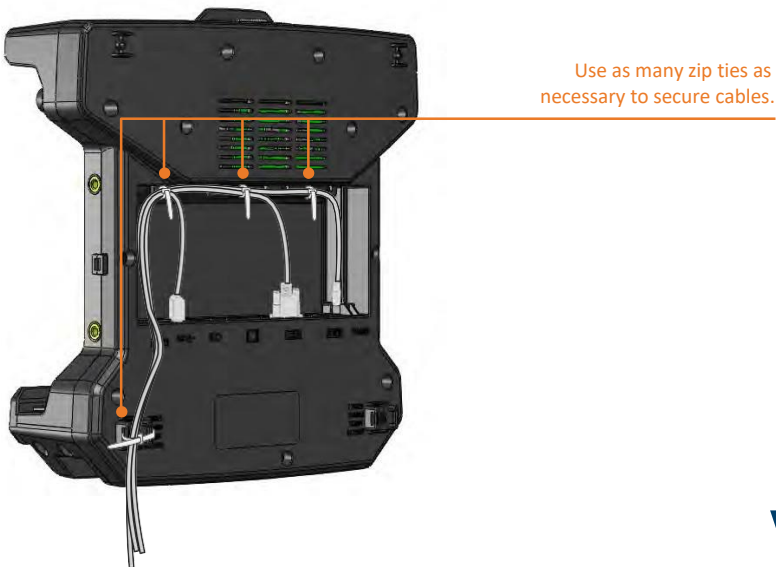
- 1) Remove the Mounting Bracket from the packaging. Install the Mounting Bracket to the Motion Device using (4) 1/4"-20 x 5/8" long button head screws (Hardware Kit Item 3).

Torque screws to 80 in-lbs (9.0Nm) ± 10%.

NOTE: Numerous hole patterns present in Mounting Bracket will accommodate Havis Motion Devices as well as most competitors'

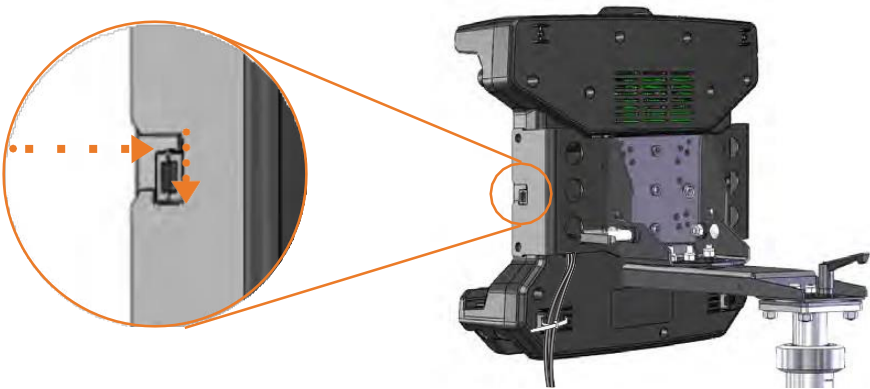


- 2) Install all cables that are necessary for computing needs. Use Zip Ties (Hardware Kit Item 1) to strain relieve cables to the Strain Relief Points, routing all cables together to the front of the Docking Station.



Installation and Cable Management (*continued*)

- 3) Place the Docking Station onto the Mounting Bracket by guiding the mounting bracket locators into the mounting guides.



- 4) Secure with (4) 1/4"-20 x 3/8" long pan head screws (Hardware Kit Item 4). Torque screws to 80 in-lbs (9.0 Nm) \pm 10%.
- 5) Create a service loop with cable bundle to ensure that no tension is on the connectors and to enable intended motion.
- 6) Tie off cables onto a stationary part of the mounting system.
(Mounting system not included with Docking Station)

4

1/4"-20 x 3/8"
Pan Head Screws

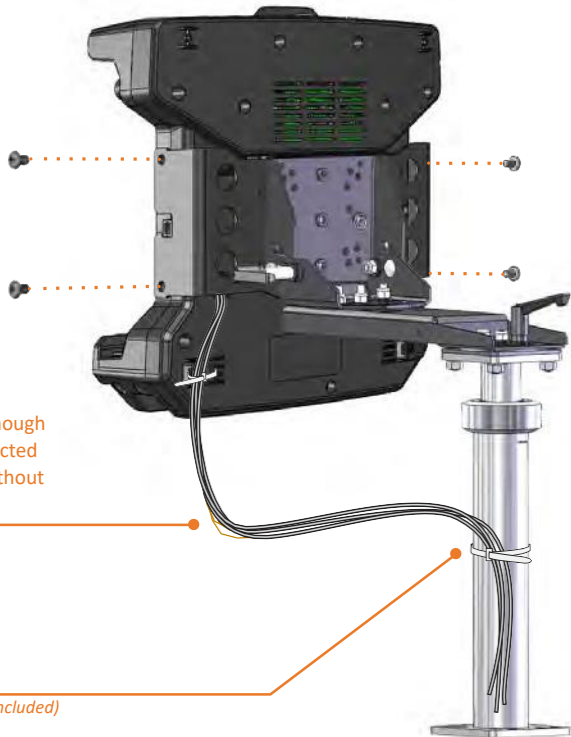
5

This loop must be large enough to allow full range of expected rotation and extension without stressing connections.

6

Collect cables to secure to the mounting system

(Note: mounting system not included)

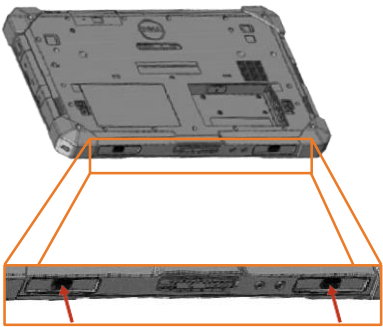


⚠ CAUTION

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



Your tablet's Alignment Sockets will align with the Docking Station's Alignment Posts.



- 1) Ensure Docking Station is unlatched by pulling the Latch Handle forward.



- 2) Hold tablet in landscape orientation, with bottom angled toward Docking Station. Lower tablet into the bottom of the Docking Station by aligning the tablet Alignment Sockets with the Docking Station's Alignment Posts.



⚠ WARNING



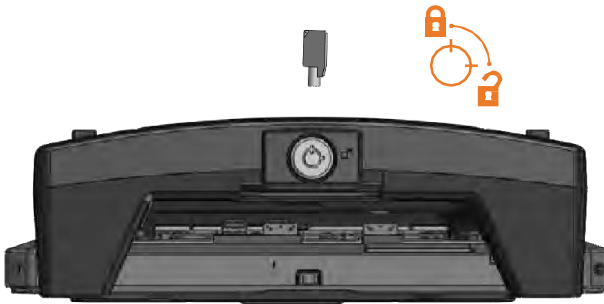
DO NOT DOCK TABLET BACKWARDS IN THE DOCKING STATION OR DAMAGE TO THE SCREEN, TABLET ELECTRONICS, AND DOCKING STATION ELECTRONICS WILL RESULT

Operation - Docking (continued)

- 3) Pivot the top of tablet into Docking Station and apply light rearward pressure to top center of tablet. An audible click will indicate when tablet is latched.

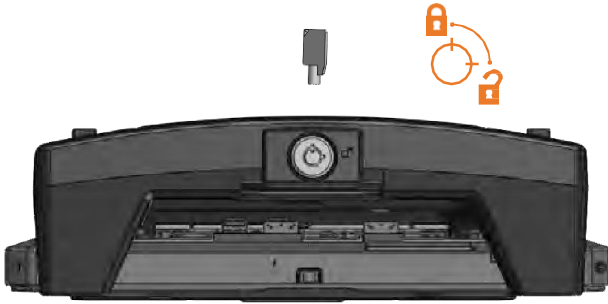


- 4) For theft deterrence, secure tablet by locking Docking Station with supplied key (Hardware Kit item 2).



Operation - Undocking

- 1) If previously locked, unlock Docking Station using supplied key.



- 2) While holding tablet with one hand, pull the Latch Handle on the top of Docking Station until the Latch Hooks release.



- 3) Once unlatched grab both sides of tablet, rock the top forward and carefully lift out of Docking Station, top end first.



Related Products

Havis offers a wide variety of accessory products specifically for use with the DS-DELL-600 Series Docking Station. For more information or to order, please visit www.havis.com.



LPS-138
90W Power Supply

External power supply with cigarette lighter adaptor and Dell mini-Bondi output cable for Havis Docking Stations.



LPS-211
Multipurpose Bracket Secures Power Supplies On Havis Docking Stations Or Cradles

Mount a power supply or USB hub directly to your docking station or cradle with this versatile bracket



DS-DA-218
Desktop Stand

Durable stand for mounting the DS-DELL-600 Series Docking Station in the home or office.



LPS-132
20-60V Isolated Power Supply For Use With DS-DELL-600 & 610 Series Docking Stations

90 w LIND power supply with attached input cable, 41-inch output power cable with plug in connector, and Mounting hardware.



LPS-133
12-32V Isolated Power Supply For Use With DS-DELL-600 & 610 Series Docking Stations

90 w LIND power supply with attached input cable, 41-inch output power cable with plug in connector, and Mounting hardware.



DS-DA-501
Replacement Keys

Set of two (2) replacement keys for DS-DELL-600 Series Docking Stations.



Havis, Inc.

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