DS-TAB-100 Series

DS-TAB-101
DS-TAB-102
DS-TAB-104

TC-100 Series

TC-101
TC-102
TC-104
TC-105
TC-107
TC-108
TC-109
TC-110
TC-111

Havis, Inc.
75 Jacksonville Road
Warminster, PA 18974

DS-TAB-100^TC-100-SERIES_OMN_06-21

Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the
DS-TAB-100 Series Docking Stations and TC-100 Series Tablet Cases.
For questions regarding the set-up of your DS-TAB-100 Series Docking Station or TC-100 Series Tablet Case,
please contact Havis at 1-800-524-9900 or visit 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 TABLET 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**

NOTICE

- **LITHIUM-ION BATTERIES TYPICALLY CHARGE BEST BETWEEN 5°C to 45°C (41°F to 113°F). PLEASE REFER TO YOUR TABLET MANUFACTURER OWNER'S MANUAL FOR DETAILS.**

Product Compatibility

Tablet	TC-100 Tablet Case	DS-TAB-101 Docking Station *(Charge Only)*	DS-TAB-102 Docking Station *(USB-C Charge & Data)*
Apple iPad Pro 10.5-inch *(1st Gen)* Apple iPad Air *(3rd Gen)*	TC-101*	PKG-TAB-APP1	N/A
Samsung Galaxy Tab S3	TC-102	PKG-TAB-SAM6	PKG-TAB-SAM1
Samsung Galaxy Tab Active 2	TC-104	PKG-TAB-SAM4	PKG-TAB-SAM3
Samsung Galaxy Tab S4	TC-105	PKG-TAB-SAM7	PKG-TAB-SAM8
Apple iPad (7th Gen)	TC-107*	PKG-TAB-APP6	N/A
Samsung Galaxy Tab Active Pro	TC-108	PKG-TAB-SAM9	PKG-TAB-SAM10
Apple iPad Pro 12.9-inch (3rd and 4TH Gen)	TC-109	N/A	PKG-TAB-APP9
Apple iPad Pro 11-inch (1st & 2nd Gen)	TC-110	N/A	PKG-TAB-APP12
Apple iPad Air *(4th Gen)*	TC-111	N/A	PKG-TAB-APP15

* Apple Pencil is not compatible due to pairing requirements. The Apple Pencil 1st Generation requires direct access to the Lighting Connector on the iPad and will not pair via Bluetooth Connection.

Specifications

DS-TAB-100 Series
(TC-100 Series Specifications vary by model and are supplied with Tablet Case)

Power Supply Input	12V Nominal (10-17 VDC Input)
Dimensions	9.01" (22.89 cm) H x 6.00" (15.24 cm) W x 1.40" (3.56 cm) D
Weight	0.77 lbs. (0.35 kg)
Operating Environment	Please refer to your Tablet Manufacturer Owner's Manual for operating range.
Storage Environment	-20° C to 85° C (-4° F to 185° F) Havis Product Only, please refer to your Tablet Manufacturer Owner's Manual for storage range.

Precautions

- If a malfunction occurs, immediately unplug the Power Supply and remove the tablet
- Use only the specified Power Cable 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
- Do not dock Tablet Case if Docking Connector Pins are bent or damaged

EC DECLARATION OF CONFORMITY in accordance with EN 50498
Manufacturers Name: Havis, Inc.
Manufacturers Address: 75 Jacksonville Road, Warminster, PA 18974 USA
Declares under our sole responsibility that the product:
   Product name: Havis Docking Station For X Tablets, where 'X' denotes tablets listed in product compatibility matrix.
   Model: DS-TAB-10X, where 'X' may be any alphanumeric character and which describes product options.
                May be followed by any alphanumeric characters which describe product options.
   Product Options: This declaration covers all options of the above product which bear the CE Marking.
Is in conformity with the following standards or other normative documents:
   Automotive EMC Directive   EN 50498:2010, Electromagnetic compatibility (EMC) -
   2004/108/EC: Product family standard for aftermarket electronic equipment in vehicles
   Directive 2011/65/EU   Restriction of the use of certain hazardous substances (RoHS)
Supplementary Information:
The product herewith complies with the requirements of the Automotive EMC Directive 2004/108/EC, Annex I, 6.5, 6.6, 6.8, and 6.9. This product requires the use of a recommended e-Marked automotive power supply when used within vehicles.

Warminster, PA, USA   September 20, 2018   Bruce Jonik, Director of Engineering , Havis, Inc.

FCC 47CFR, Part 15 compliance: This is an FCC Class B device. Any changes or modifications to the model DS-TAB-10X not expressly approved by Havis, Inc. could void the user's authority to operate this equipment.

Parts Included *(DS-TAB-100 Series)*

Docking Station

Release Handle

Barrel Lock

Alignment Posts

Latch Hook

LED Power Indicator

Docking Connector

Front Hooks

DC IN 12V

Ports

Strain Relief and

Cable Routing Channels

Mounting Holes *(x4)*

(VESA 75mm Hole Pattern)

HAVIS

Power Cable

(DS-DA-325)

Hardware Kit *(HWK-0042)*

This Hardware Kit includes:
1. Zip Ties (5)
2. Keys (2)
3. M4 x 0.7 x 12mm Long Screws (5)
4. Flat Washers, M4 (5)
5. Lock Washers, M4 (5)

Tools required for installation:
- #2 Phillips
  (For attaching Docking Station to VESA 75mm
  hole pattern equipment with M4 x 0.7 x 12mm Screws)

① ② ③ ④ ⑤
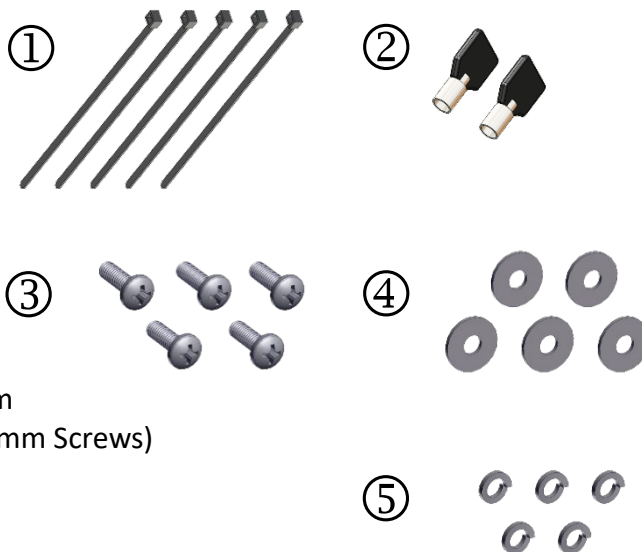
Port Replication Capability *(DS-TAB-100 Series)*
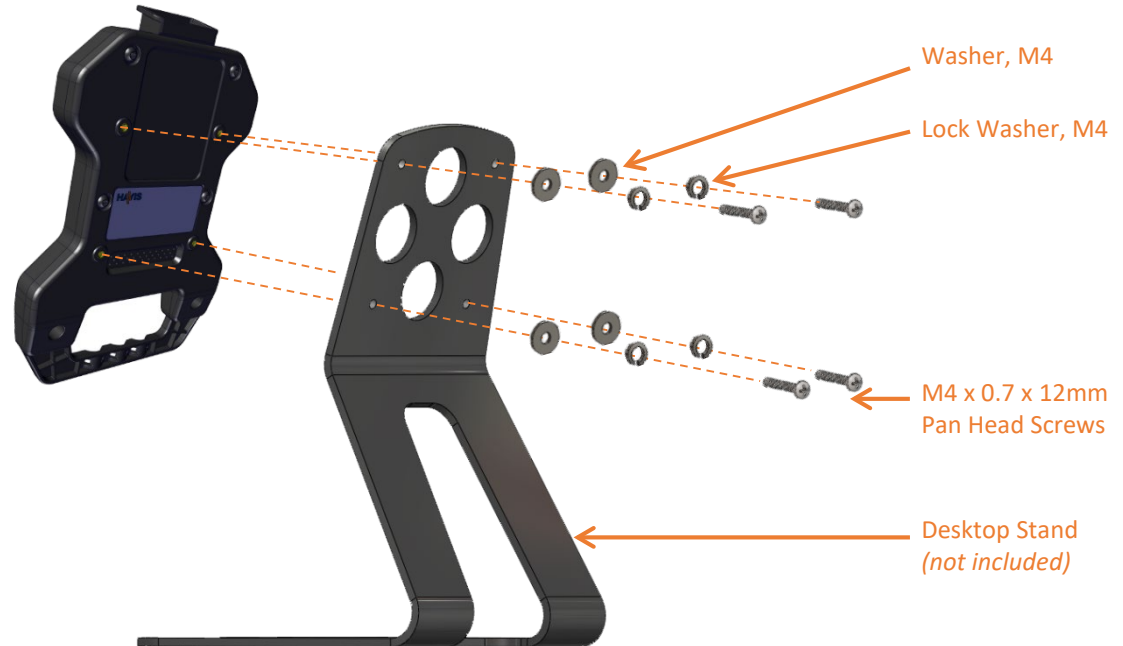
Downward Facing Ports

Power Input

DC IN 12 V

USB 2.0 (x2)

DS-TAB-101: Charge Only
DS-TAB-102: Charge & Data

Installation *(DS-TAB-100 Series)*

1) Align Docking Station mounting holes with the hole pattern on mounting device. Using the four (4) M4 0.7 x 12mm Pan Head Screws (Hardware Kit Item 3), four (4) Washers, M4 (Hardware Kit Item 4), and four (4) Lock Washers, M4 (Hardware Kit Item 5), secure the Docking Station to device. ***Torque screws to 15 in-lbs (1.7Nm) ± 10%***

A) Havis Desktop Stand installation (sold separately, Part # DS-DA-218).

Washer, M4

Lock Washer, M4

M4 x 0.7 x 12mm Pan Head Screws

Desktop Stand *(not included)*

B) In-Vehicle mounting system installation (not included).

Washer, M4

Lock Washer, M4

M4 x 0.7 x 12mm Pan Head Screws

Mounting Device *(Part ID: C-MD-402 shown, not included)*
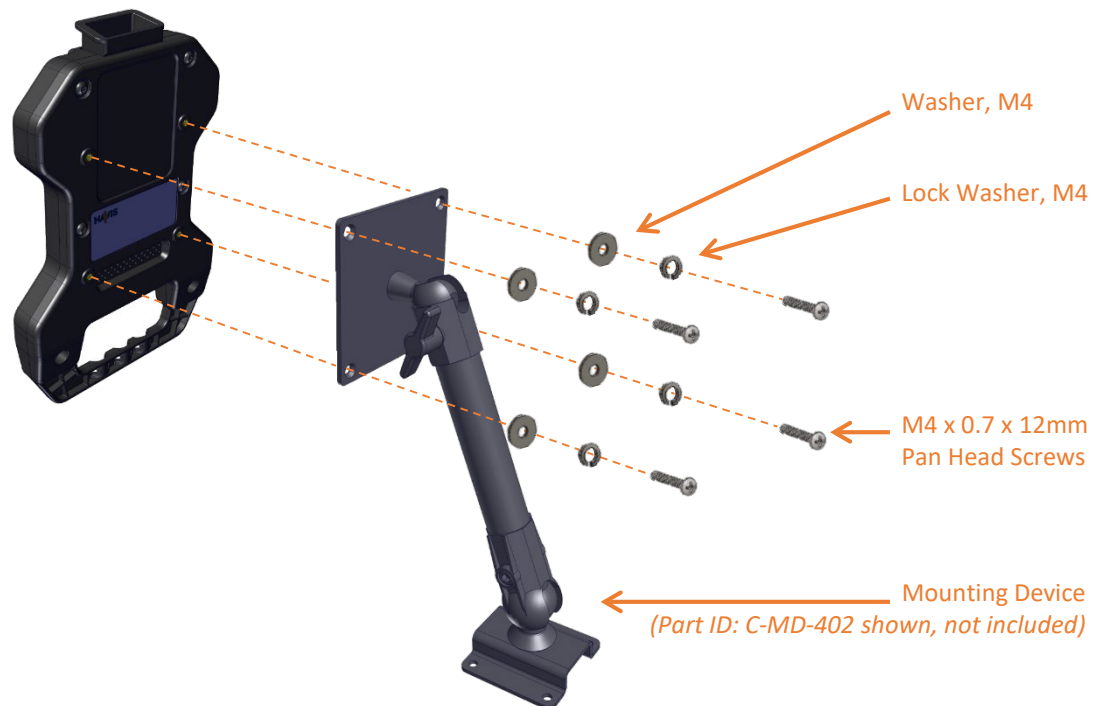
Cable Management *(DS-TAB-100 Series)*

1) Tip the Docking Station to a position that is comfortable to work with.
2) Install all cables that are necessary for computing needs.
3) Use Zip Ties (Hardware Kit Item 1) and the Strain Relief Points to secure cables and reduce risk of accidental disconnects.

After connecting
To vehicle power,
Green LED
will illuminate
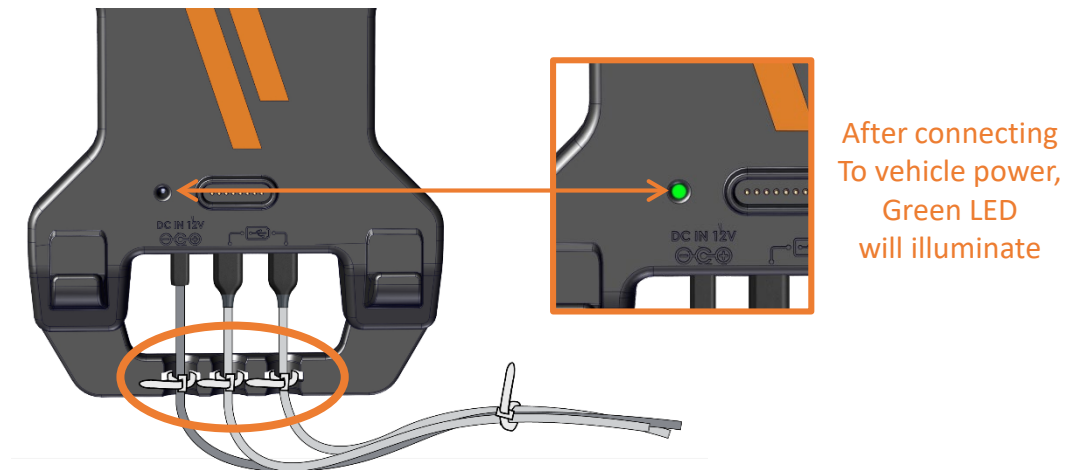
4) Create a service loop with cables to ensure that no tension is on the connectors and to enable intended motion.
5) Tie off cables onto a stationary part of the mounting system.

4

This loop must be large enough to allow full range of expected rotation and extension without stressing connections.
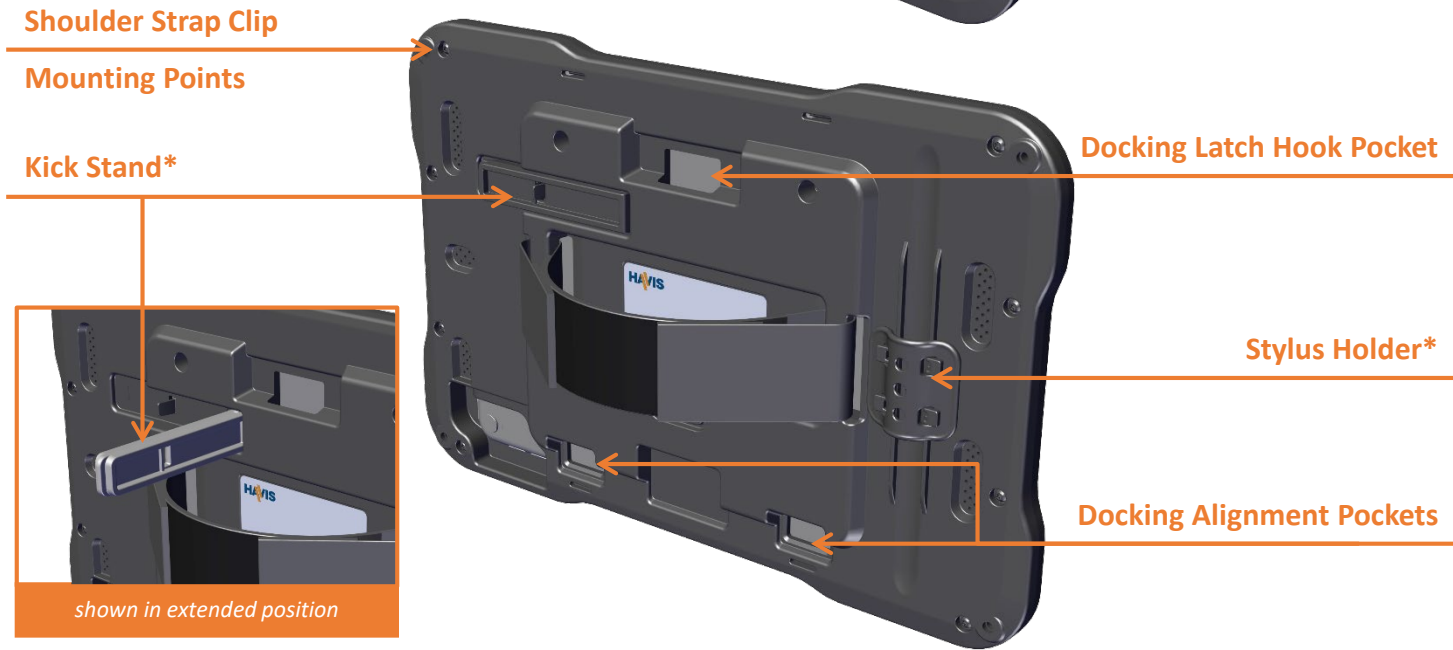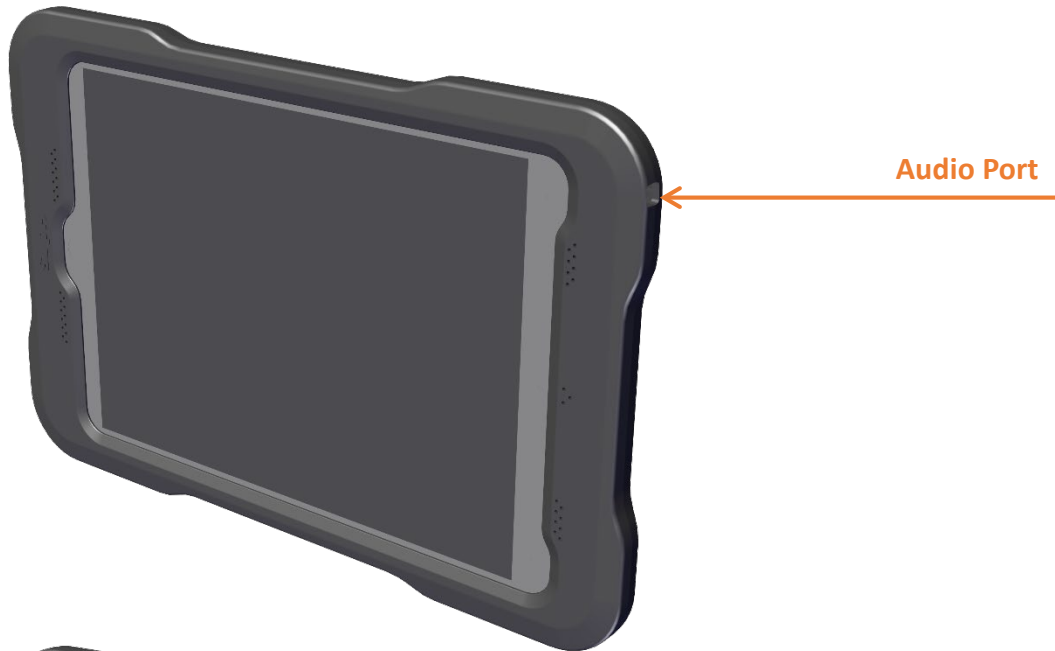
5

Collect cables to secure to the mounting system or vehicle.

(Note: mounting system not included)

Parts Included *(TC-100 Series)*

Tablet Case *(Part ID TC-101 shown assembled with iPad 10.5")*

Audio Port

Shoulder Strap Clip
Mounting Points

Docking Latch Hook Pocket

Kick Stand*

Stylus Holder*

Docking Alignment Pockets

shown in extended position

Hand Strap*

(shown assembled)

Docking Connector

Charge Port
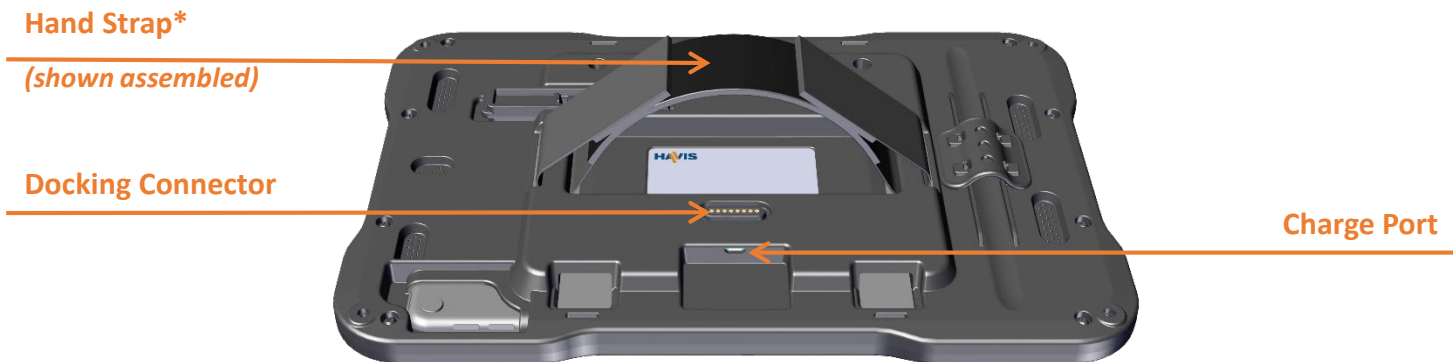
* Not included with all Tablet Case models

Tablet Case

Front Tablet Case Assembly   **Back Tablet Case Assembly**

Hardware Kit *(HWK-0055)*

This Hardware Kit includes:
1. M2.5 , 6mm long Washer Head Screws (12)
2. T8 Torx Bit, ¼" Hex Shank (1)

Tools required for installation:
- ¼" Driver for T8 Torx Bit
   (For attaching Back Piece to Front Piece
    with M2.5 Washer Head Screws)

①   ②

Additional Items:

Depending on Tablet Case Model, Tablet Case may include:
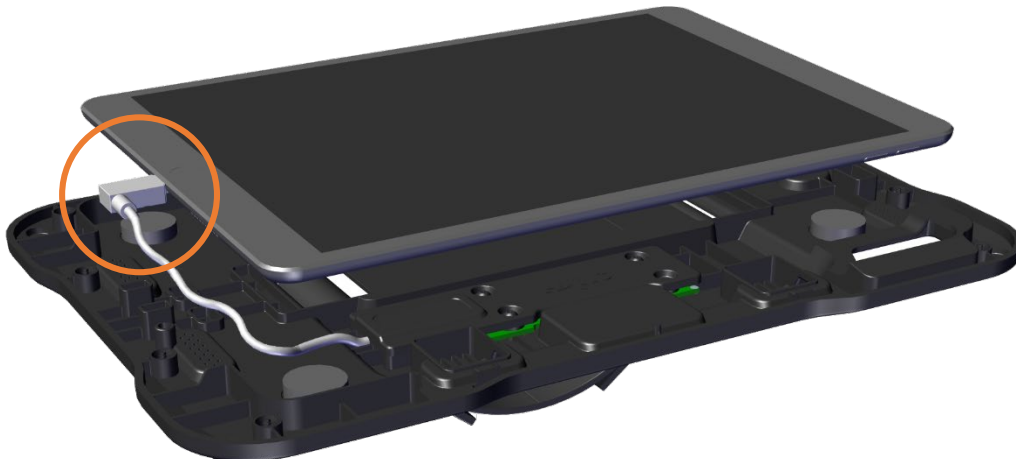1. Power Cable (1)
2. Hand Strap (1)

①   ②

Installation *(TC-100 Series)*

1) Assemble hand strap by guiding each end through the slots on the Back Assembly of Tablet Case. Adjust loop size as desired and secure Velcro closures.

2) Insert the connector from the Back Assembly of the Tablet Case into your tablet (Apple iPad Pro 10.5" shown here).
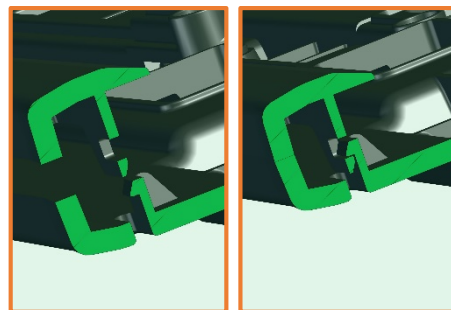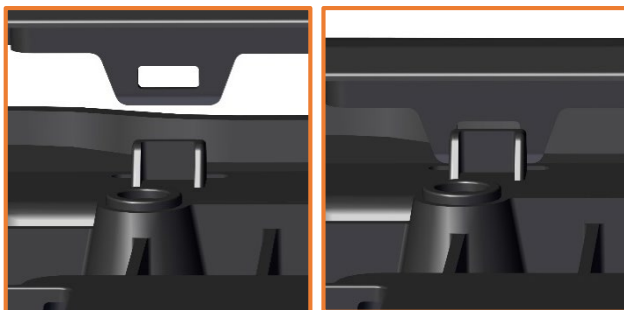
Installation *(TC-100 Series)* *(continued)*

3) Place the tablet into the Back Assembly of the Tablet Case, ensuring the connector cable is routed properly, being careful not to pinch cable. *(Refer to Instructions included with your specific TC-100 Series Tablet Case)*

4) Place the Front Assembly of the Tablet Case on the Back Assembly. Ensure a proper fit by looking for gaps along the seam between the two pieces. Some models include snaps that interlock when the two Tablet Case pieces are pressed together. Ensure all snaps are properly interlocked before continuing. *(Refer to Instructions included with your specific TC-100 Series Tablet Case)*
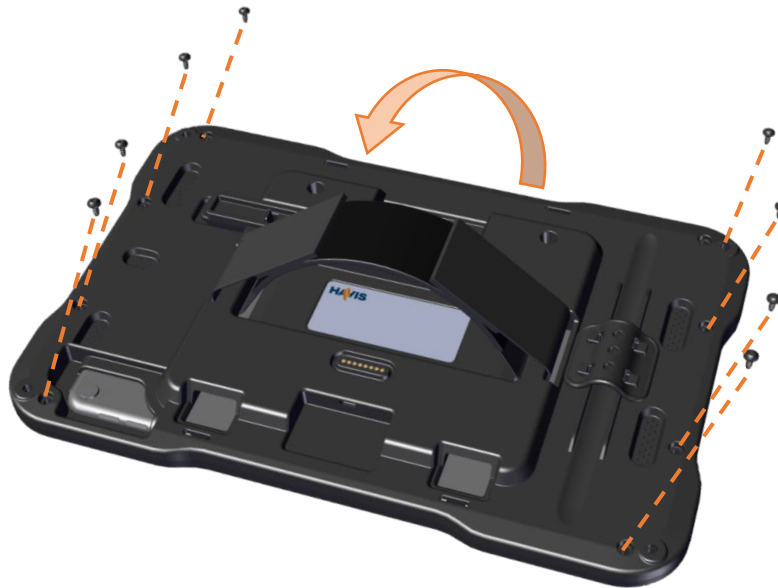

Cross section view of Back piece snapping into Front piece

5) Holding the two Assemblies together, carefully turn the Tablet Case over. Insert all the necessary screws (Hardware Kit Item 1) and tighten with provided T8 Torx Bit (Hardware Kit Item 5). ***Torque screws to 4 in-lbs (0.45Nm) ± 10%.***
    CAUTION: DO NOT OVERTIGHTEN SCREWS OR DAMAGE TO TABLET CASE MAY OCCUR.

5) To remove your tablet from the Tablet Case remove all the screws then carefully turn the case over. If your Tablet Case includes interlocking snaps use your fingers to pry the Front Assembly up from the inside edge along the screen. Lift the Front Assembly off the Back Assembly, unplug the connector, and remove tablet.

Tablet Case Features *(TC-100 Series)*

Some models of Tablet Cases include a Power Cable for charging your tablet when not docked. Plug into the Charge Port on the Bottom Assembly of Tablet Case. In the event your Table Case model does not include a Power Cable, the supplied cable from your tablet manufacturer can be used.

Power Source

The Kickstand on some Tablet Case models allows landscape orientation use of your tablet on any flat surface. Fully extend the Kickstand on the Bottom Assembly of the Tablet Case just past 90-degrees. A light detent will hold open the Kickstand. To prevent damage, ensure the Kickstand is closed prior to docking the Tablet Case.
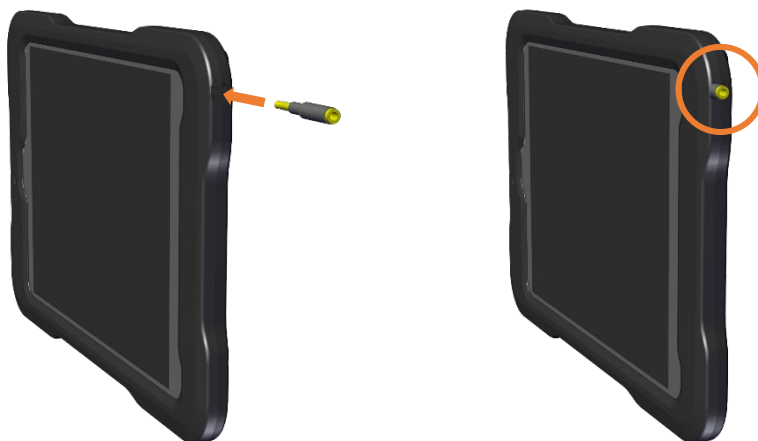
Two angles available in landscape orientation

Stylus Holder on Bottom Assembly of some Tablet Case models will accommodate most stylus sizes. Slide your stylus into the channel and under the Stylus Holder.

Accessing your tablet's audio jack may require the use of the an Audio Jack Extender.

3) Optional Shoulder Strap (Part # DS-DA-107) can be attached using the Shoulder Strap Clips and Screws, included with Shoulder Strap. *(Refer to Instructions included with DS-DA-107)*
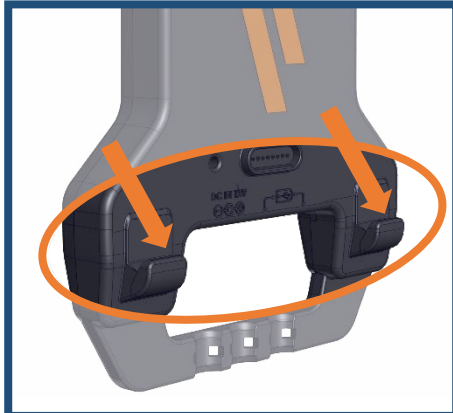

Shoulder Strap Clip

Shoulder Strap Clip Screw

Operation - Docking

⚠ CAUTION

DO NOT FORCE TABLET CASE INTO DOCKING STATION. IF THERE IS RESISTANCE, CHECK ALIGNMENT OF TABLET CASE ON DOCKING STATION.
NOTE: Ensure a proper connection by aligning the Tablet Case's Alignment Pockets with the Docking Station's Front Hooks

Front Hooks on the
DS-TAB-100 Series Docking Station

Alignment Sockets on the bottom piece
of the TC-100 Series Tablet Case

1) Ensure the Docking Station is unlocked.

2) Hold Tablet in landscape orientation, with bottom angled toward Docking Station. Lower Tablet onto the Docking Station so the Alignment Pockets on the Tablet Case align with the Front Hooks on the Docking Station.

Front Hooks engaging with Tablet Case
*(shown without a tablet).*

Operation – Docking *(continued)*

3) Pivot Tablet Case into the Docking Station until the Docking Station's Latch Hook engages with the Latch Hook Recess on the Tablet Case. A click will be heard when docked correctly.
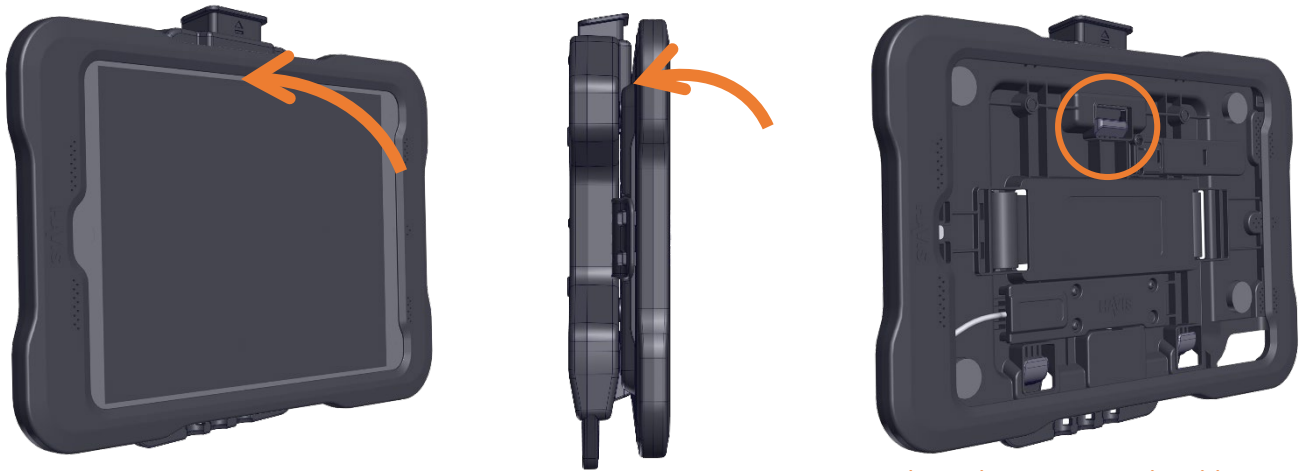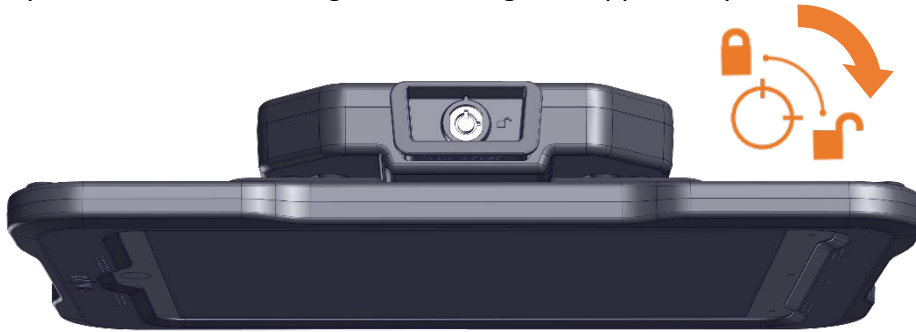
Latch Hook engaging with Tablet Case
(shown without a tablet).

4) For theft deterrence, secure Tablet Case by locking Docking Station with supplied key (Hardware Kit Item 2).
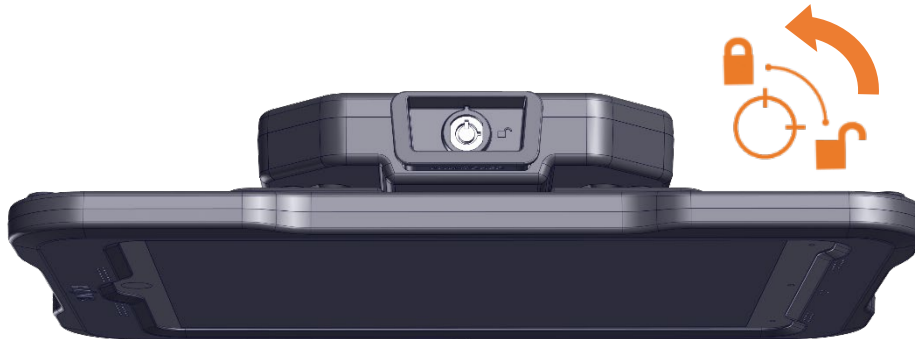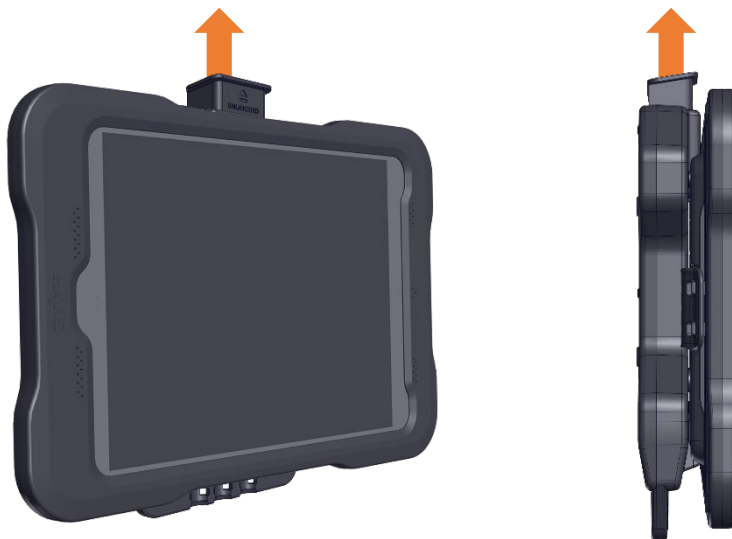
Operation - Undocking

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

2) While holding Tablet Case with one hand, lift the Release Handle on the top of Docking Station.

3) While lifting the Release Handle grab the side of Tablet Case, 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 your Docking Station.
For more information or to order, please visit **www.havis.com**.

C-MD-401/402 and PKG-FAM-118
Universal Rugged Articulating Phone & Tablet Mounts
Light weight mounts are an ideal mobile solution for tablet, phone, or keyboard

DS-DA-107
Tablet Case Shoulder Strap
Mount this Shoulder Strap to the top of the Tablet Case for easy carrying.

DS-DA-108
Replacement Tablet Case Hand Strap
Replacement Hand Strap for the Havis Tablet Case.

DS-DA-325
Replacement Power Cable for DS-TAB-100 Series
Replacement charging cable for the DS-TAB-100 series Docking Stations.

DS-DA-218
Desktop Stand for Tablet Docking Stations
Durable stand for mounting tablet Docking Stations for use in the home or office.

DS-DA-502
Replacement Keys
Set of two (2) replacement keys for DS-TAB-100 Series Docking Stations.