

Owner's Manual Havis Docking Station

For DT323 Series Rugged Tablet and Oracle Public Safety Tablet 210

DS-DTR-100 Series

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

DS-DTR-101

DS-DTR-103



DS-DTR-100-SERIES_OMN_02-26

Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the DS-DTR-100 Series Docking Station for the DT323 Series Rugged Tablet and Oracle Public Safety Tablet 210.

For questions regarding the set-up of your DS-DTR-100 Series Docking Station, 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 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.

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-DTR-101 DOCKING STATIONS: DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE: This product requires a certified, automotive grade, DTR/Havis approved power supply with a 19.5 V power output, such as the 120N-A01-R12-1. Failure to comply with this requirement will cause product damage that is NOT repairable and is NOT covered under warranty.
- USE ONLY THE SPECIFIED POWER SUPPLY (PART # 120N-A01-R12-1) 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).

NOTICE

- FOR THE DS-DTR-101, DO NOT CONNECT THE TABLET TO MULTIPLE POWER SUPPLIES. PRIOR TO DOCKING THE TABLET INTO THE DOCKING STATION, ENSURE THAT THERE IS NO POWER CABLE ATTACHED TO THE TABLET.

Avant de commencer

Havis est heureux de fournir ce manuel du propriétaire pour vous aider à installer et à utiliser correctement la station d'accueil de la série DS-DTR-100 pour la tablette robuste de la série DT323 et la tablette Oracle Public Safety 210.

Pour toute question concernant la configuration de votre station d'accueil de série DS-DTR-100 veuillez communiquer avec Havis au 1-800-524-9900 ou visitez le www.havis.com pour obtenir de l'aide et des informations supplémentaires sur le produit.

AVERTISSEMENT

- **NE JAMAIS RANGER OU MONTER LA STATION D'ACCUEIL DIRECTEMENT DANS LA ZONE DE DÉPLOIEMENT D'UN COUSSIN GONFLABLE DU VÉHICULE.**
- **NE PAS UTILISER L'ORDINATEUR EN CONDUISANT.**
- **NE PAS PLACER D'OBJETS MÉTALLIQUES OU DE RÉCIPIENTS CONTENANT DU LIQUIDE SUR LA STATION D'ACCUEIL.**
- **EN CAS DE DYSFONCTIONNEMENT, DÉBRANCHEZ IMMÉDIATEMENT L'ALIMENTATION ÉLECTRIQUE ET RETIREZ L'ORDINATEUR PORTABLE.**

ATTENTION

- **LISEZ ATTENTIVEMENT TOUTES LES INSTRUCTIONS AVANT DE COMMENCER L'INSTALLATION.**
- **CE PRODUIT N'EST PAS DOTÉ D'UN INDICE DE PROTECTION IP (PROTECTION CONTRE LES INFILTRATIONS). NE PAS ENTREPOSER, NE PAS INSTALLER ET NE PAS UTILISER LA STATION D'ACCUEIL DANS UN ENDROIT OÙ DE L'EAU, DE L'HUMIDITÉ, DE LA VAPEUR, DE LA POUSSIÈRE, ETC. SONT PRÉSENTS.**
- **NE PAS PLACER OU RETIRER L'ORDINATEUR DE LA STATION D'ACCUEIL S'IL N'EST PAS ÉTEINT. PLACER OU RETIRER L'ORDINATEUR EN MODE MARCHÉ, ATTENTE, VEILLE OU VEILLE PROLONGÉE PEUT PROVOQUER DES DOMMAGES PERMANENTS.**
- **POUR LES STATIONS D'ACCUEIL DS-DTR-101: NE PAS CONNECTER DIRECTEMENT A LA SOURCE DE TENSION DU VEHICULE : Ce produit requiert un source de courant certifié, de qualité automobile et approuvé par Dell/Havis, pour une puissance de sortie de 19.5 V, comme le 120N-A01-R12-1. Le non-respect de ces exigences entraînera des dommages au produit qui ne seront PAS réparables et ne seront PAS couverts par la garantie.**
- **UTILISER UNIQUEMENT LE BLOC D'ALIMENTATION SPÉCIFIÉ (PIÈCE # 120N-A01-R12-1) AVEC CETTE STATION D'ACCUEIL.**
- **NE PAS BRANCHER DE CÂBLES DANS D'AUTRES PORTS QUE CEUX AUXQUELS ILS SONT DESTINÉS.**
- **NE LAISSER PAS LA STATION D'ACCUEIL DANS UN ENVIRONNEMENT À HAUTE TEMPÉRATURE (PLUS DE 85°C, 185°F).**

AVIS

- **POUR LE DS-DTR-101, NE CONNECTEZ PAS LA TABLETTE À PLUSIEURS ALIMENTATIONS. AVANT DE CONNECTER LA TABLETTE À LA STATION D'ACCUEIL, ASSUREZ-VOUS QU'AUCUN CÂBLE D'ALIMENTATION N'EST RACCORDÉ À LA TABLETTE.**

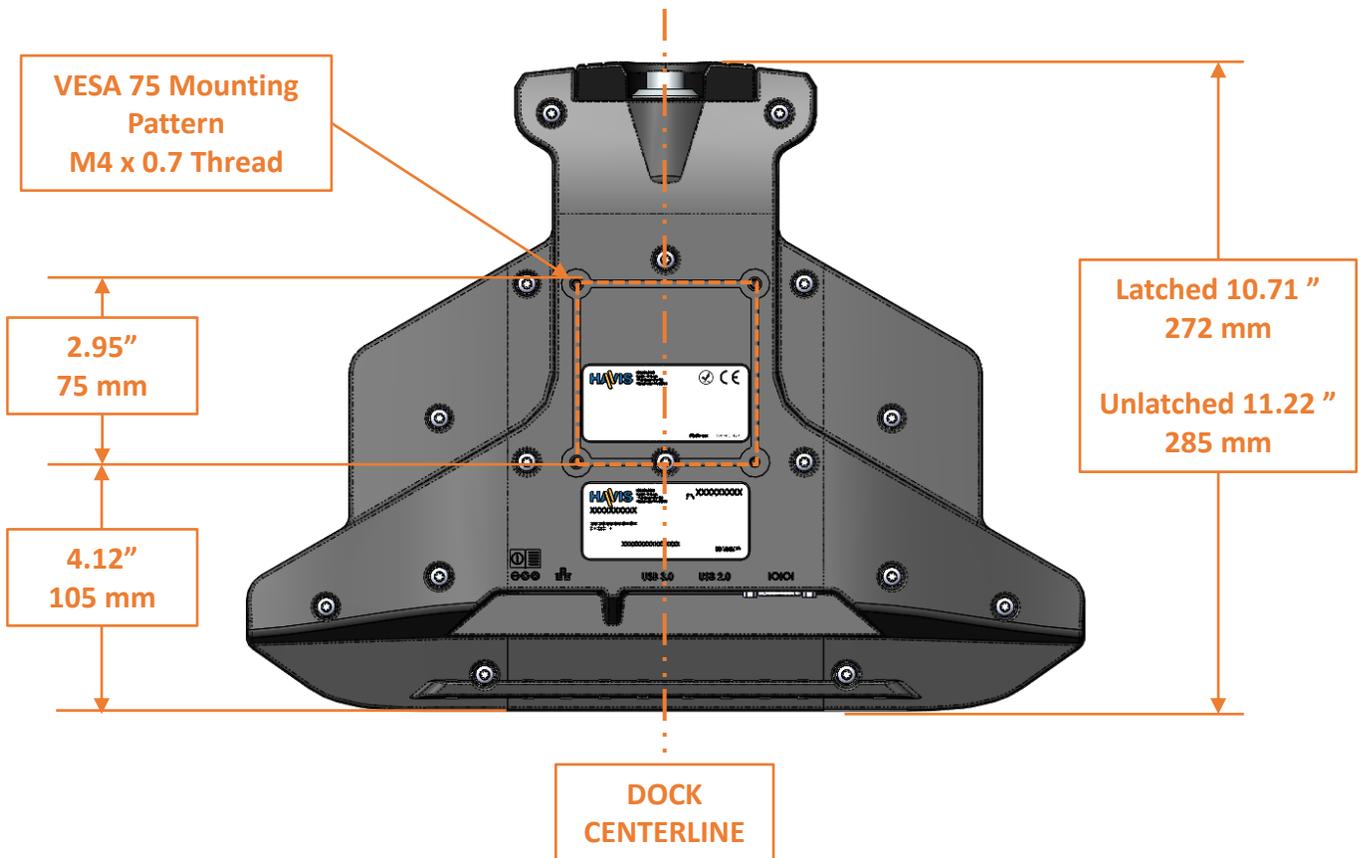
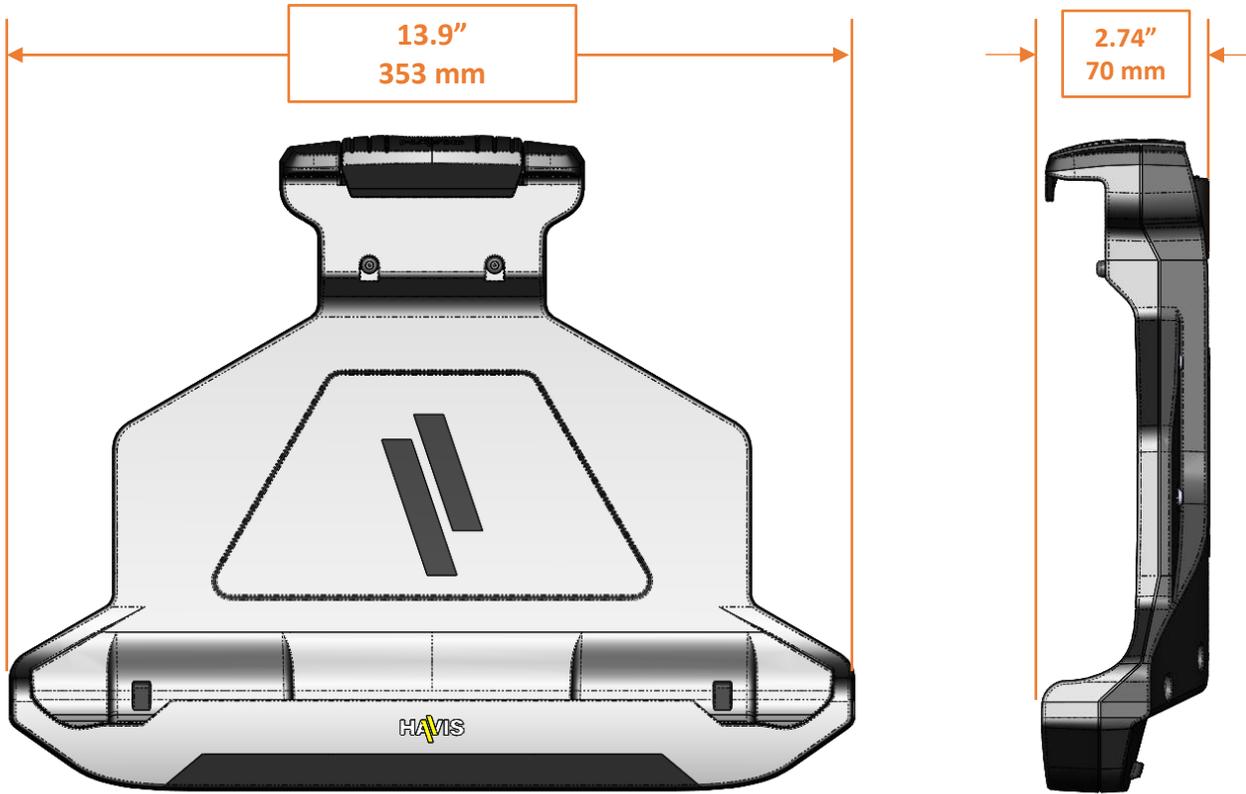
Specifications

	Configuration	Description	Power Options	Dock Input Voltage Requirement
Docking Station Information	DS-DTR-101	Standard Electronics	120N-A01-R12-1	11-22.6 VDC
	DS-DTR-103	No Electronics	120N-A01-R12-1	11-22.6 VDC (direct to tablet)
Dimensions	10.71" (27.2 cm) H x 13.90" (35.3 cm) W x 2.74" (7.0 cm) D			
Weight	2.38 lbs. (1.25 kg)			
Operating Environment	0° C to 50° C (32° F to 122° F)			
Storage Environment	-55° C to 85° C (-67° F to 185° F)			

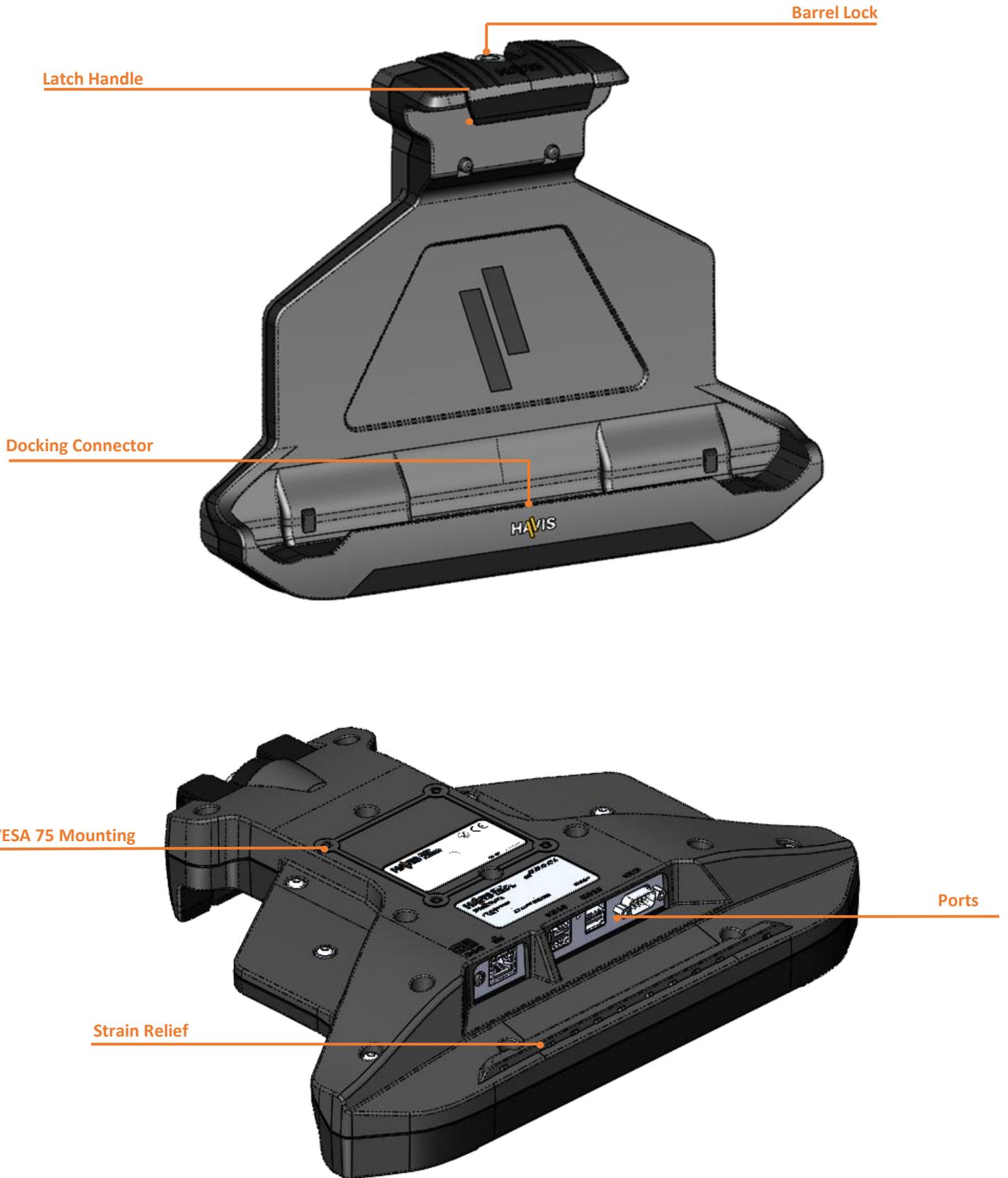
Computer Set-Up and Port Specifications

ITEM	DESCRIPTION	VENDOR	DOWNLOAD LINK	Version	Specification
1	DT323 Driver Package	DT Research	https://www.dtri.com/Support/Dock_Driver/Cradle_Driver.7z		

Specifications



Specifications



Parts Included (continued)

Hardware Kit (30-013743)

This Hardware Kit includes:

1. Zip Ties (4)
2. Keys (2)
3. M4 x 0.7 x 12mm long Pan Head Screws (5)
4. Split Lock Washers (5)
5. Washers, M4 (5)

Tools required for installation:

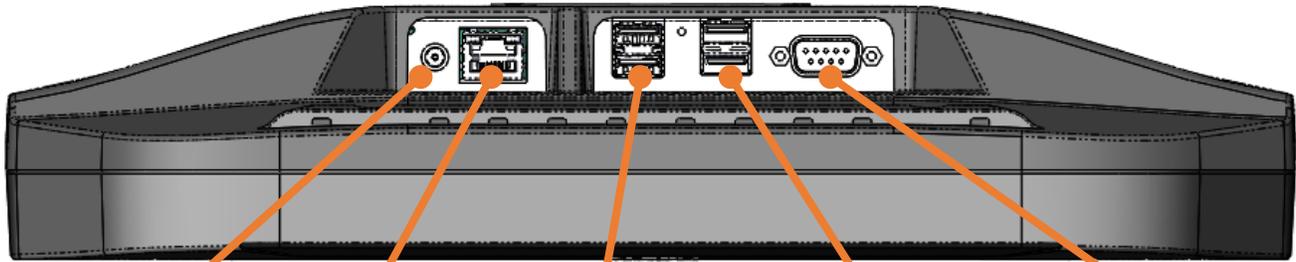
- #2 Phillips (For M4 Pan Head Screws)



Port Replication Capability

Rearward Facing Ports – Standard Electronics

DS-DTR-101



Power Input

Ethernet
RJ45
1 Gb/s



USB 3.0
Type A
(2X)

USB 2.0
Type A
(2X)

Powered Serial



NOTICE

AVIS

DO NOT CONNECT ANY ADDITIONAL POWER SUPPLY TO THE TABLET WHEN IT IS DOCKED. MULTIPLE POWER SUPPLIES WILL CAUSE DAMAGE TO THE TABLET.

NE BRANCHEZ AUCUNE BLOC D'ALIMENTATION SUPPLÉMENTAIRE À LA TABLETTE LORSQU'ELLE EST CONNECTÉE À LA TABLETTE. L'UTILISATION DE PLUSIEURS BLOCS D'ALIMENTATION ENDOMMAGERAIT LA TABLETTE.



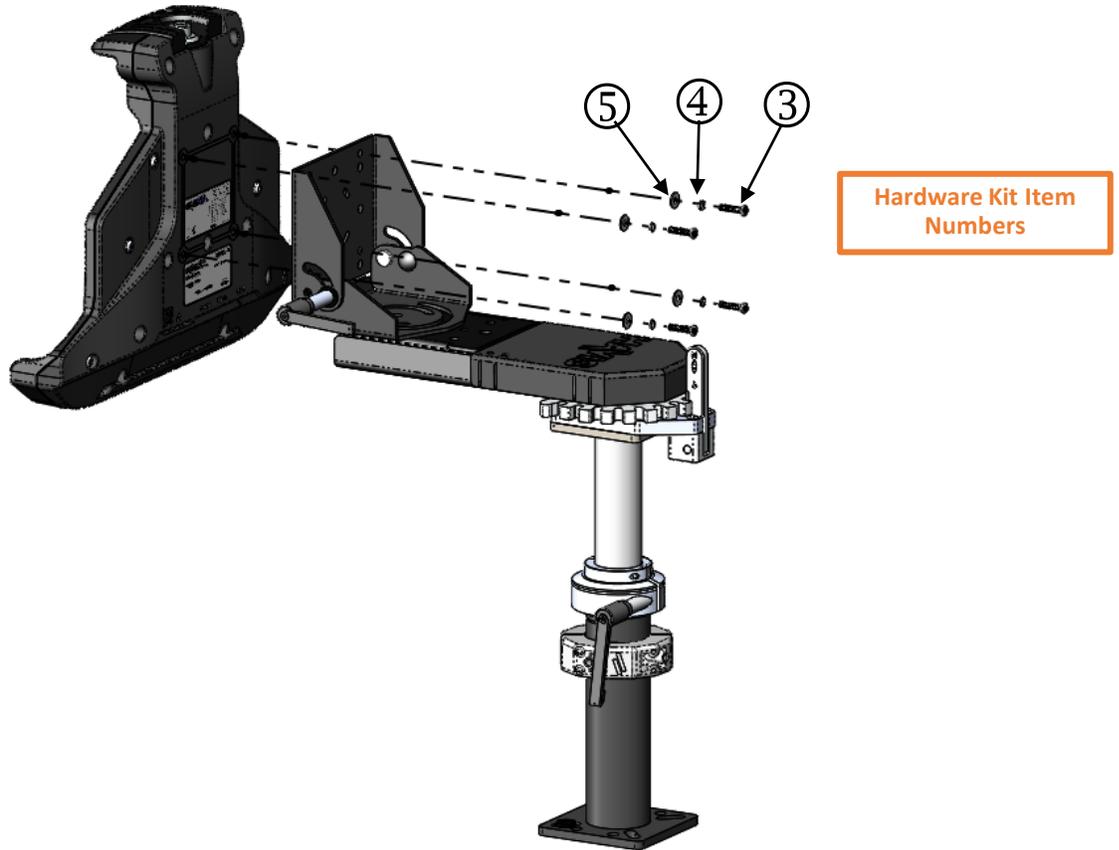
NOTE: THIS DOES NOT APPLY TO THE DS-DTR-103 CONFIGURATION (THESE DO NOT HAVE AN INTERNAL SUPPLY AND NEED TO BE POWERED WITH THE EXTERNAL PORT WHEN DOCKED).

REMARQUE : CECI NE S'APPLIQUE PAS À LA CONFIGURATION DS-DTR-103 (CEUX-CI N'ONT PAS D'ALIMENTATION INTERNE ET DOIVENT ÊTRE ALIMENTÉS PAR LE PORT EXTERNE LORSQU'ILS SONT CONNECTÉS).

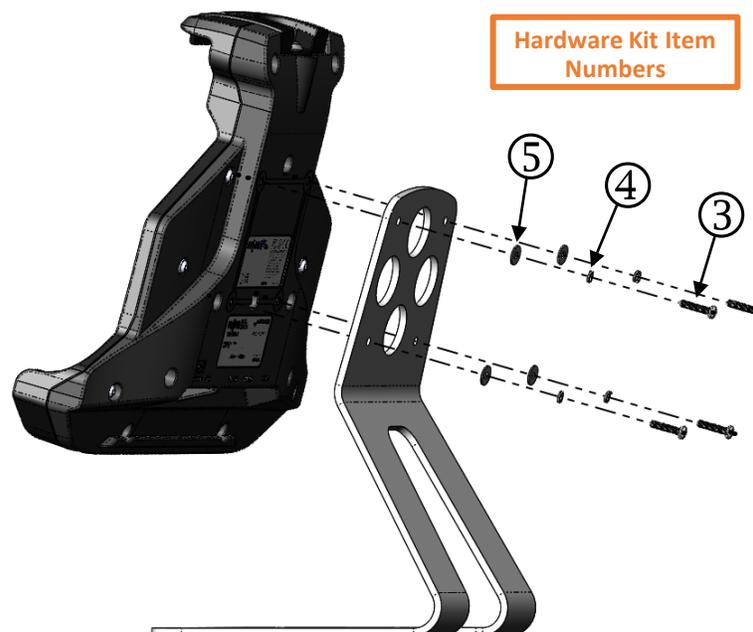
Installation

1. Align Docking Station mounting holes with the hole pattern on mounting device. Use the (4) Pan Head screws with washers and lock washers from the hardware kit to fasten the docking station to the motion device (Hardware Kit Items 3, 4, 5). Torque screws to 12-15 in-lbs. (1.4-1.7 Nm).

A) HAVIS In-vehicle mounting system installation (Sold separately)

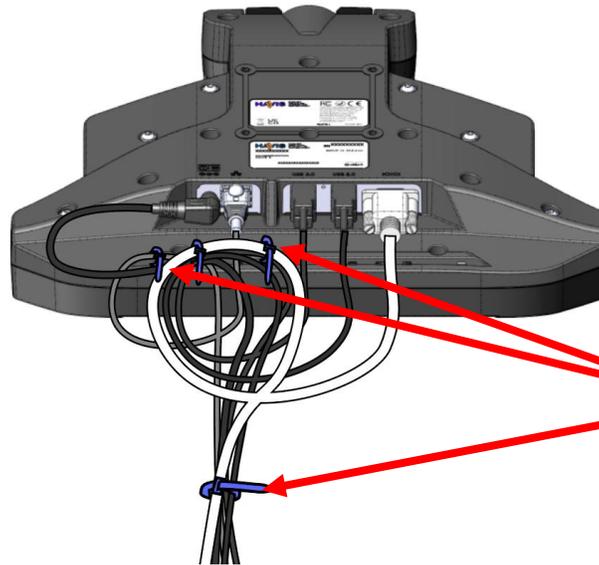


B) HAVIS Desktop Stand installation (Sold separately)



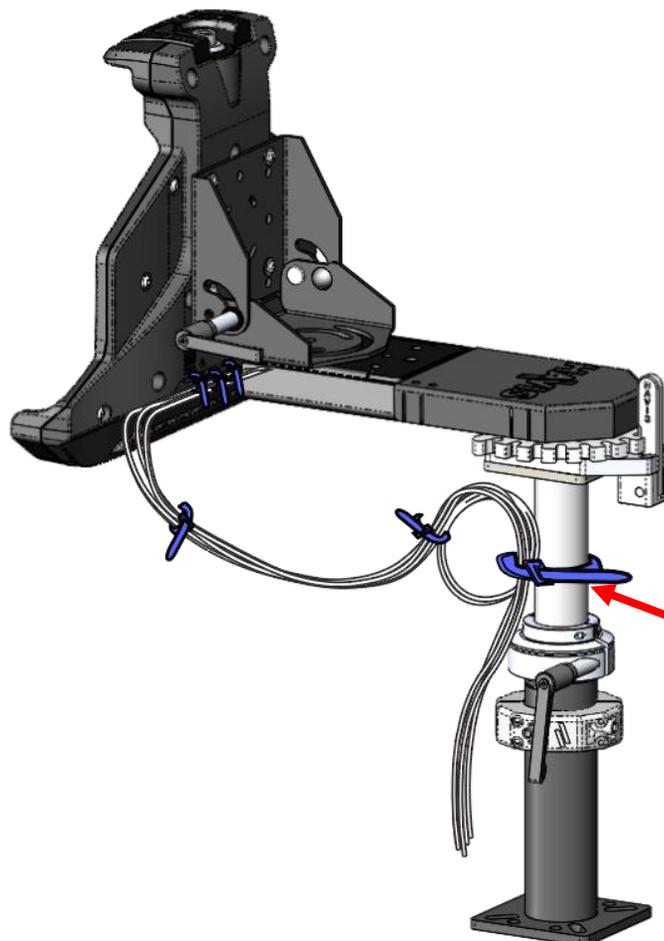
Cable Management

2. Install all the cables that are necessary for your computing needs. Use zip ties (Hardware Kit Item 1) to strain relieve cables to strain relief points, routing all cables together so they can be attached to the mounting system



Use as many zip ties as necessary to secure cables

- 3. Create a service loop with cable bundle to ensure no tension is on the connectors and to enable intended motion.
- 4. Tie off cables onto a stationary part of the mounting system
(Mounting system not included with the docking station)

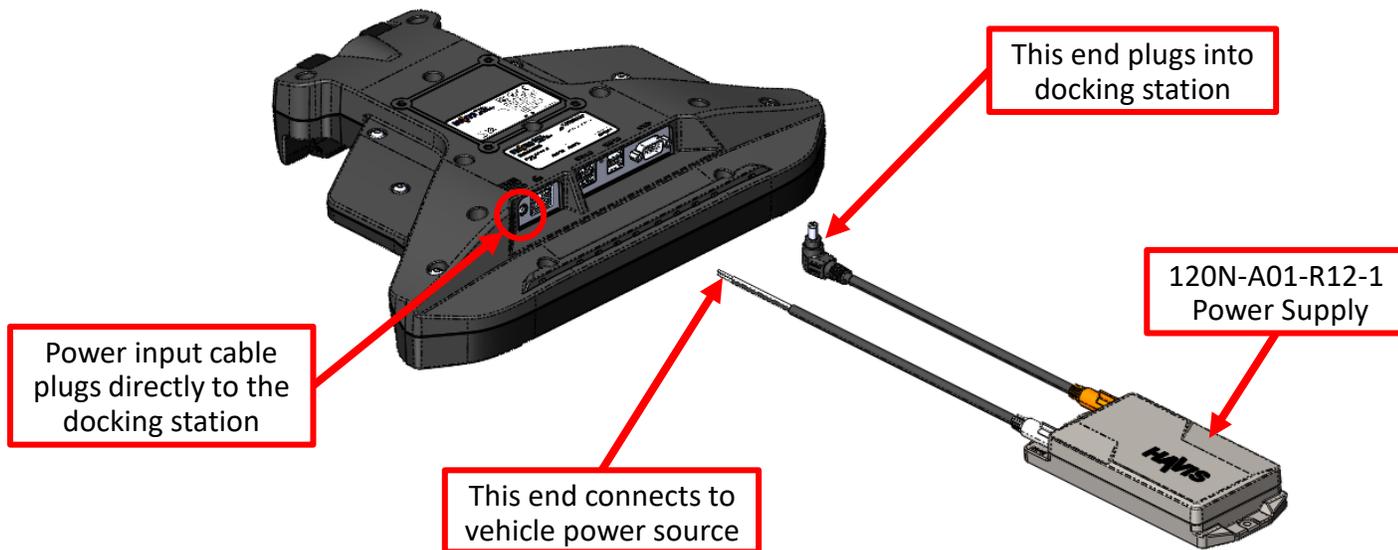


Zip tie cables onto mounting device as shown. Leave additional slack to allow motion device to move freely without stressing cables. Create a service loop if there is excess cable

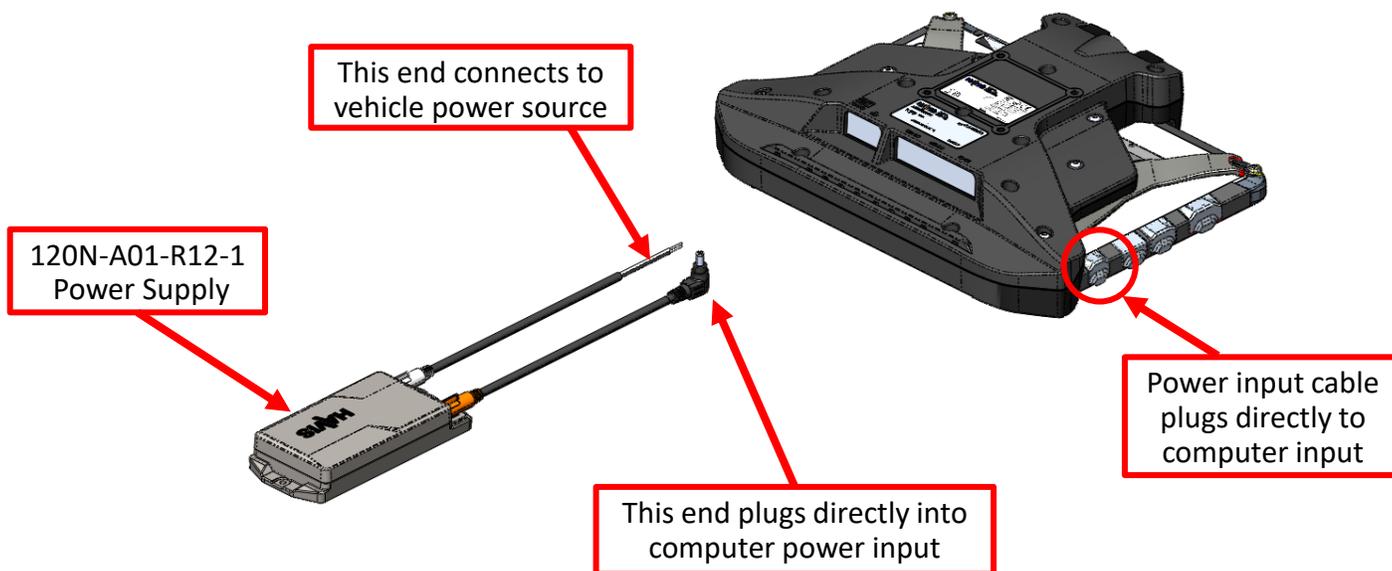
Power Input Configuration

There are several different power supply options for the DS-DTR-100 Series Docking Station. Below are diagrams showing the power input set up for each specific configuration of the dock.

External Power Supply Configuration DS-DTR-101



Cradle Only Configuration DS-DTR-103



*** For clarity, all input/output power cables are shown shorter than their actual lengths

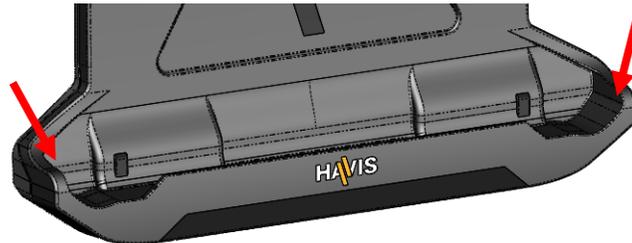
Operation - Docking

CAUTION

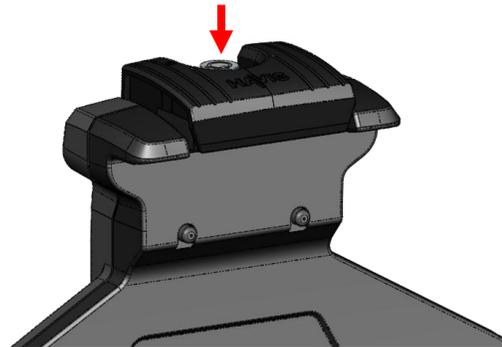
ATTENTION

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

NE FORCEZ PAS L'ORDINATEUR PORTABLE SUR LA STATION D'ACCUEIL. EN CAS DE RÉSTANCE, VÉRIFIEZ L'ALIGNEMENT DE L'ORDINATEUR PORTABLE SUR LA STATION D'ACCUEIL.



1. Ensure docking station is unlatched by pressing the lock button on the top of the docking station.



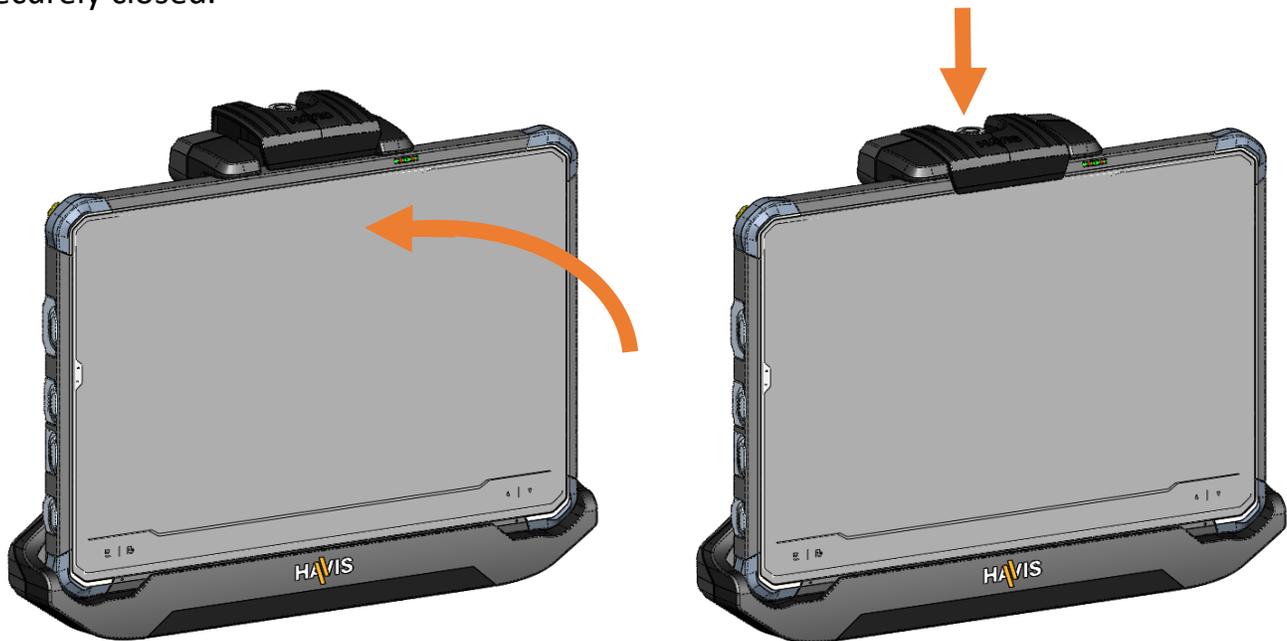
2. Hold the tablet in the landscape orientation, with the bottom side angled towards the docking station. Lower the tablet onto the docking station by aligning the tablet alignment sockets with the alignment posts on the docking station.



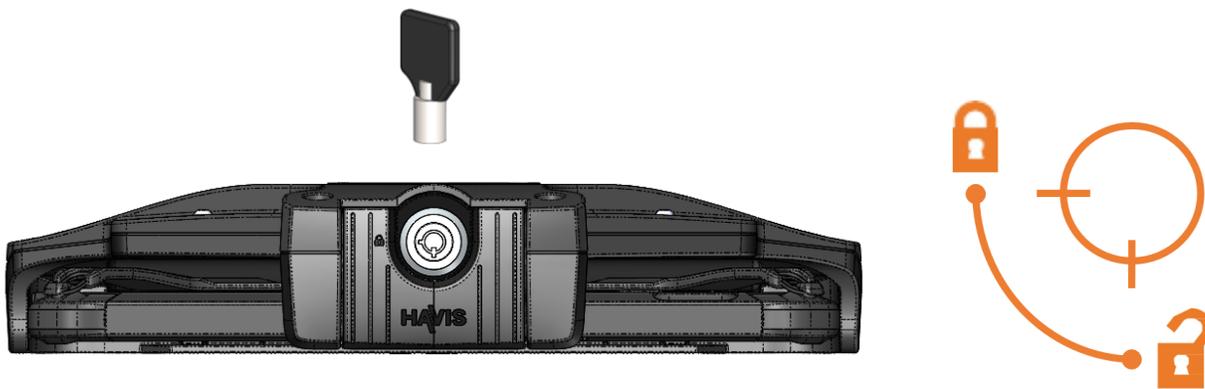
 WARNING	 AVERTISSEMENT
	
DO NOT DOCK TABLET BACKWARDS IN THE DOCKING STATION OR DAMAGE TO THE SCREEN, TABLET ELECTRONICS, AND DOCKING STATION ELECTRONICS WILL RESULT.	
NE PAS PLACER LA TABLETTE À L'ENVERS DANS LA STATION D'ACCUEIL, AU CAS OÙ CERTAINS ENDOMMAGES À L'ÉCRAN, AUX COMPOSANTS ÉLECTRONIQUES DE LA TABLETTE ET À CEUX DE LA STATION D'ACCUEIL EN RÉSULTERAIENT.	

Operation – Docking (Continued)

3. Pivot the top of the tablet into the docking station and apply light rearward pressure to the top center of tablet or handle. Apply pressure until the tablet is fully seated. Secure tablet by closing the latch, push downward until you hear the click of the latch which indicates the latch is securely closed.

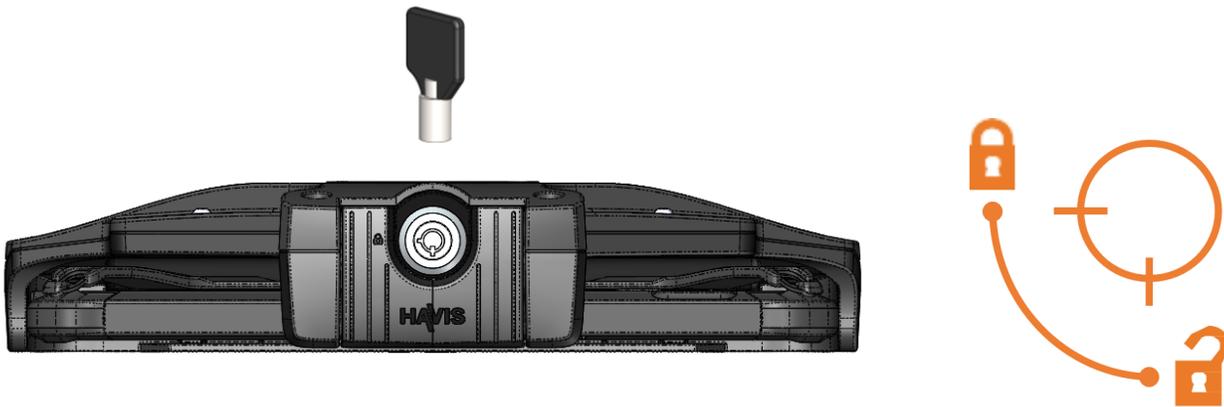


4. For theft deterrence, secure tablet by locking the docking station with the supplied key (Hardware Kit Item 2)



Operation - Undocking

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



2. While securely holding the tablet, push the lock button on the top of the docking station until the latch hook releases.



3. Once unlatched, remove the tablet by rocking the top of the tablet away from the docking station and carefully lift out of the docking station, top end first.



Regulatory Information

Canada

CAN ICES-3 (A) / NMB-3 (A)

Class A equipment

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

Warning: Operation of this equipment in a residential environment could cause radio interference.

Équipement de Classe A

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

Avertissement: L'utilisation de cet équipement dans un environnement résidentiel peut provoquer des interférences radio.

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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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

Warning: Operation of this equipment in a residential environment could cause radio interference.

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

Warning: Operation of this equipment in a residential environment could cause radio interference.

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

Warning: Operation of this equipment in a residential environment could cause radio interference.

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.



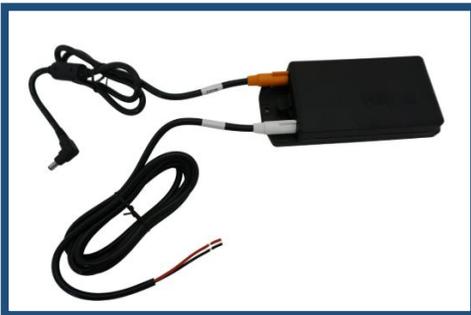
DS-DA-218
Desktop Stand

Durable stand for mounting the DS-DTR-100 Series Docking Station in the home or office.



DS-DA-502
Replacement Keys

Set of (2) replacement keys for DS-DTR-100 Series Docking Stations



Power Supplies (for DS-DTR-101 and DS-DTR-103)

120N-A01-R12-1
Power Supply w/Hardwired Input Cable (12-16VDC)