

Owner's Manual Havis Docking Station For Panasonic TOUGHBOOK G2 & G3 Tablet

DS-PAN-740 Series

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

DS-PAN-741
DS-PAN-741-2
DS-PAN-742N

DS-PAN-742N-2
DS-PAN-743
DS-PAN-744

DS-PAN-744-2
DS-PAN-745N
DS-PAN-745N-2



Before Beginning

Havis is pleased to provide this Owner's Manual to aid in the proper installation and use of the DS-PAN-740 Series Docking Station for the Panasonic TOUGHBOOK G2 & G3 Tablet.

For questions regarding the set-up of your DS-PAN-740 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 DS-PAN-741, DS-PAN-741-2, DS-PAN-742N, DS-PAN-742N-2, DS-PAN-744, AND DS-PAN-744-2, DS-PAN-745N, DS-PAN-745N-2 DOCKING STATIONS: DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE: THIS PRODUCT REQUIRES A CERTIFIED, AUTOMOTIVE GRADE, PANASONIC APPROVED 90W POWER SOURCE RATED FOR A CONTINUOUS, REGULATED 15.6 VDC OUTPUT (*HAVIS PART NUMBER 120N-B01-S03-1 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-PAN-743 DOCKING STATIONS (CRADLES): DO NOT CONNECT DIRECTLY TO VEHICLE VOLTAGE SOURCE: THE INSERT COMPUTER MAKE AND MODEL REQUIRES A CERTIFIED, PANASONIC APPROVED POWER SOURCE RATED FOR A CONTINUOUS, REGULATED 15.6 VDC OUTPUT. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL CAUSE PRODUCT DAMAGE THAT IS NOT REPAIRABLE AND IS NOT COVERED UNDER WARRANTY.
- THE DS-PAN-740 SERIES DOCKING STATION IS ONLY COMPATIBLE WITH THE PANASONIC FZ-G2 & FZ-G3.
- 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.

Avant de commencer

Havis est ravi de fournir ce manuel du propriétaire pour faciliter l'installation et à assurer une utilisation adéquate de la station d'accueil de série DS-PAN-740 pour le TOUGHBOOK G2 & G3.

Pour toute question concernant la configuration de votre station d'accueil de série DS-PAN-740 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 ENTREPOSER, INSTALLER OU UTILISER LA STATION D'ACCUEIL DANS UN ENDROIT OÙ L'EAU, L'HUMIDITÉ, LA VAPEUR, 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-PAN-741, DS-PAN-741-2, DS-PAN-742N, DS-PAN-742N-2, DS-PAN-744, AND DS-PAN-744-2, DS-PAN-745N, DS-PAN-745N-2 : NE PAS CONNECTER DIRECTEMENT À LA SOURCE DE TENSION DU VÉHICULE: CE PRODUIT NÉCESSITE UNE SOURCE D'ALIMENTATION NOMINALE 90W DE QUALITÉ AUTOMOBILE, APPROUVÉE PAR PANASONIC, CONÇUE POUR UNE SORTIE CONTINUE ET RÉGULÉE 15.6 VDC (NUMÉRO DE PIÈCE HAVIS 120N-B01-S03-1 OU ÉQUIVALENT). LE NON-RESPECT DE CETTE EXIGENCE ENTRAÎNERA DES DOMMAGES AU PRODUIT QUI NE SONT PAS RÉPARABLES ET NE SONT PAS COUVERTS PAR LA GARANTIE.
- POUR LES STATIONS D'ACCUEIL DS-PAN-743 (SUPPORT): NE PAS CONNECTER DIRECTEMENT À LA SOURCE DE TENSION DU VÉHICULE: LA MARQUE ET LE MODÈLE DE L'ORDINATEUR INSÉRÉ NÉCESSITENT UNE SOURCE D'ALIMENTATION CERTIFIÉE, APPROUVÉE PAR PANASONIC, CONÇUE POUR UNE SORTIE CONTINUE ET RÉGULÉE 15.6 VDC LE NON-RESPECT DE CETTE EXIGENCE ENTRAÎNERA DES DOMMAGES AU PRODUIT QUI NE SONT PAS RÉPARABLES ET NE SONT PAS COUVERTS PAR LA GARANTIE.
- LA STATION D'ACCUEIL DE SÉRIE DS-PAN-740 EST UNIQUEMENT COMPATIBLE AVEC PANASONIC FZ-G2 & FZ-G3.
- 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) POUR UNE PÉRIODE PROLONGÉE.

Before Beginning

⚠ CAUTION

⚠ ATTENTION

THE DS-PAN-740 SERIES DOCKING STATION IS ONLY COMPATIBLE WITH THE PANASONIC TOUGHBOOK G2 & G3.

LA STATION D'ACCUEIL DE SÉRIE DS-PAN-740 EST UNIQUEMENT COMPATIBLE AVEC TOUGHBOOK G2 & G3.

Compatible Devices and Accessories

Device	DS-PAN-740 (Standard G3) Depth: 4.0" (101.6 mm)	DS-PAN-750 (Slim G3) Depth: 3.185" (80.9 mm)
Panasonic G2		
BCR	✓	✓
Serial	✓	✓
USB	✓	✓
GLAN	✓	✓
SD Card	✓	✓
Thermal	✓	✓
SCR	✓	✓
C-Less SCR	✓	✓
FPR	✓	✓
DP-FPR	✓	✓
Extended Batter for STD Model	✓	X
Rotating Hand Strap	✓	X
Panasonic G3		
BCR	✓	✓
Serial	✓	✓
USB	✓	✓
GLAN	✓	✓
Micro SD	✓	✓
Audio	✓	✓
SCR	✓	✓
HF-RFID	✓	✓
FPR	✓	✓
Large Battery	✓	X
Bridge Battery	✓	X
Viasat SSD	✓	X
BB+SCR	✓	X
BB+HF-RFID	✓	X
Rotating Hand Strap	✓	X

NOTICE

- FOR DOCKING STATION MODELS EQUIPPED WITH A BUNDLED POWER SUPPLY (DS-PAN-742N, DS-PAN-742N-2, DS-PAN-745N, DS-PAN-745N-2) REFER TO THE SUPPLIED POWER SUPPLY REFERENCE GUIDE.

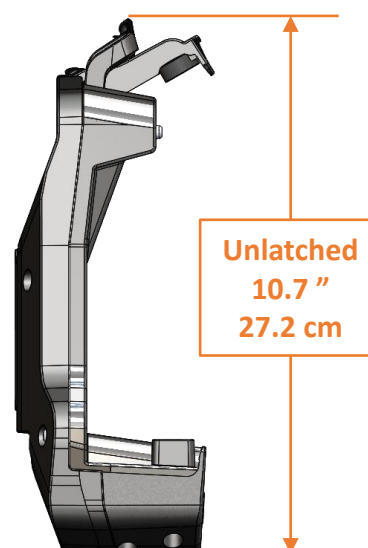
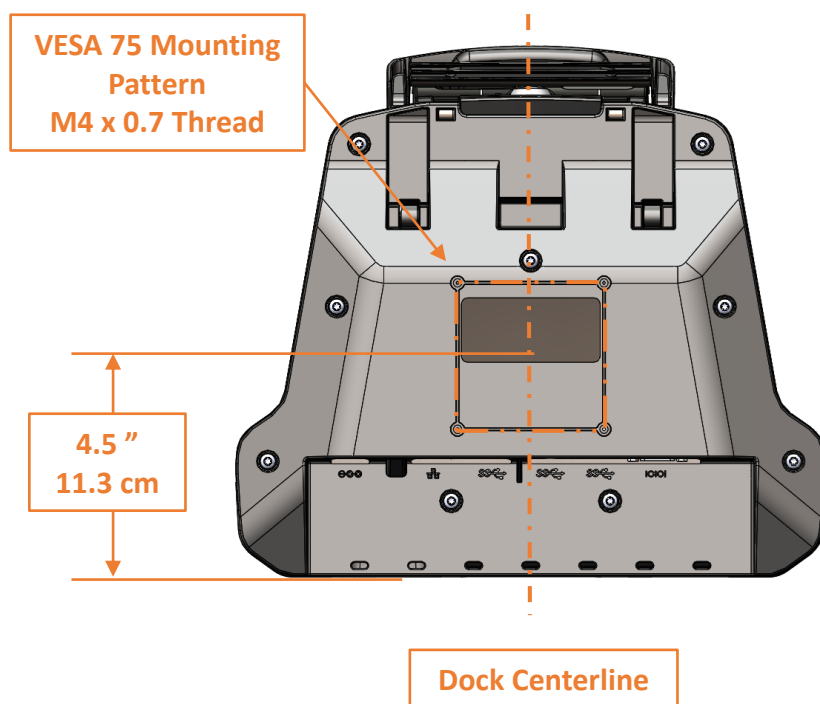
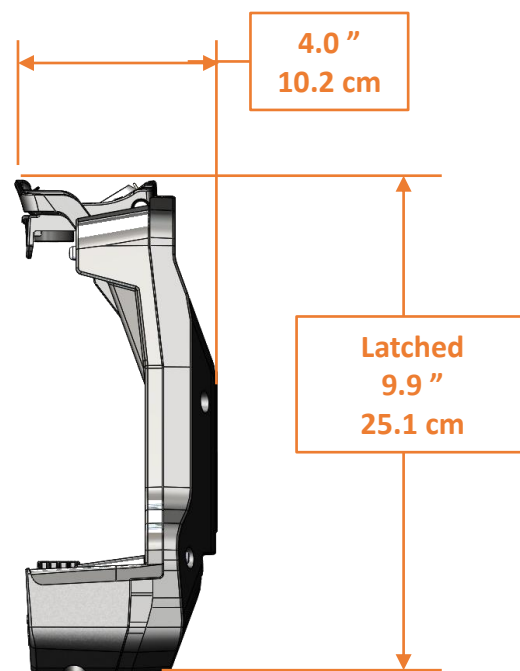
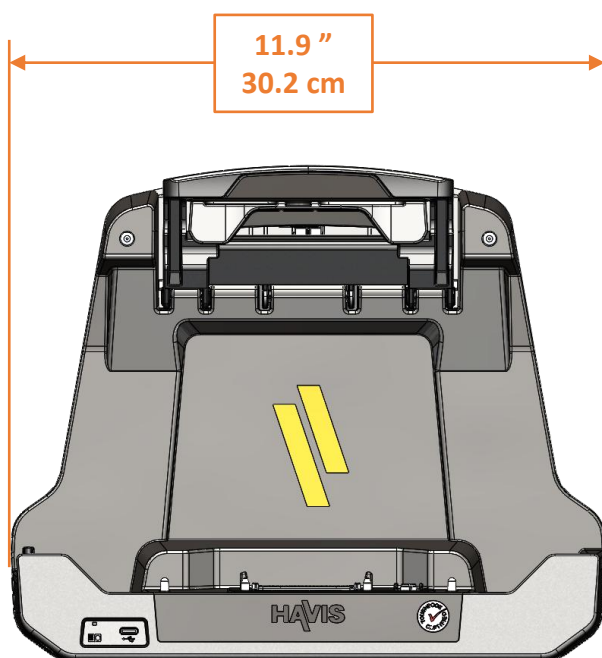
Specifications

Configuration (SKU)	Description	Power Options	Dock Input Voltage Requirement	Weight : Lbs. (kg)
DS-PAN-741 DS-PAN-741-2 DS-PAN-742N DS-PAN-742N-2 DS-PAN-743 DS-PAN-744 DS-PAN-744-2 DS-PAN-745N DS-PAN-745N-2	Advanced Electronics Advanced Electronics w/Antenna Pass-Thru Advanced Electronics, w/Power Supply Advanced Electronics w/Antenna Pass-Thru, w/Power Supply Cradle, No Electronics Standard Electronics Standard Electronics with Antenna Pass-Thru Standard Electronics, w/Power Supply Standard Electronics w/Antenna Pass-Thru, w/Power Supply	External Power Supply	15.6 VDC	X.XX (X.XX)
Dimensions	9.9" (25.1 cm) H x 11.9" (30.2 cm) W x 4.0" (10.2 cm) D			
Operating Environment	-10° C to 50° C (14° F to 122° F)			
Storage Environment	-40° C to 85° C (-40° F to 185° F)			

NOTICE

Charging will not start if the battery's temperature is outside its allowed range, which is between 0 °C (32 °F) and 50 °C (122 °F). Once the battery's temperature meets the requirements, charging automatically resumes.

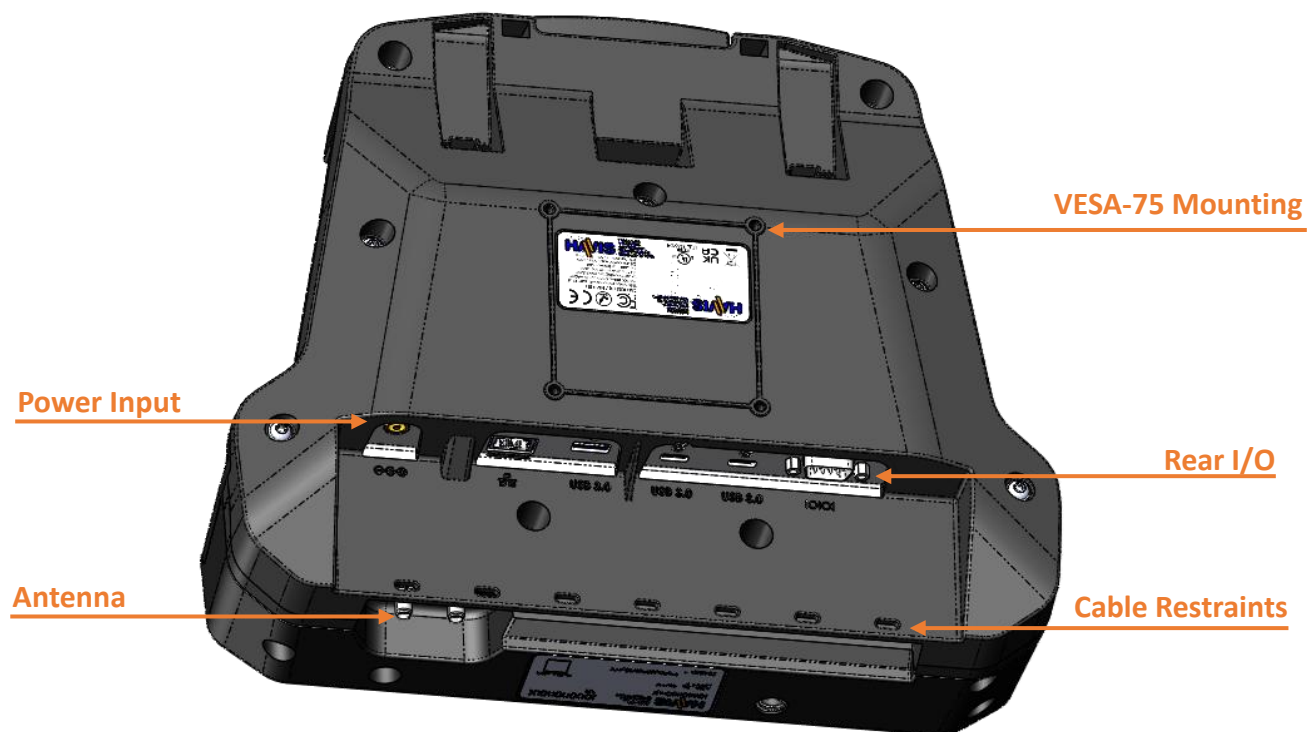
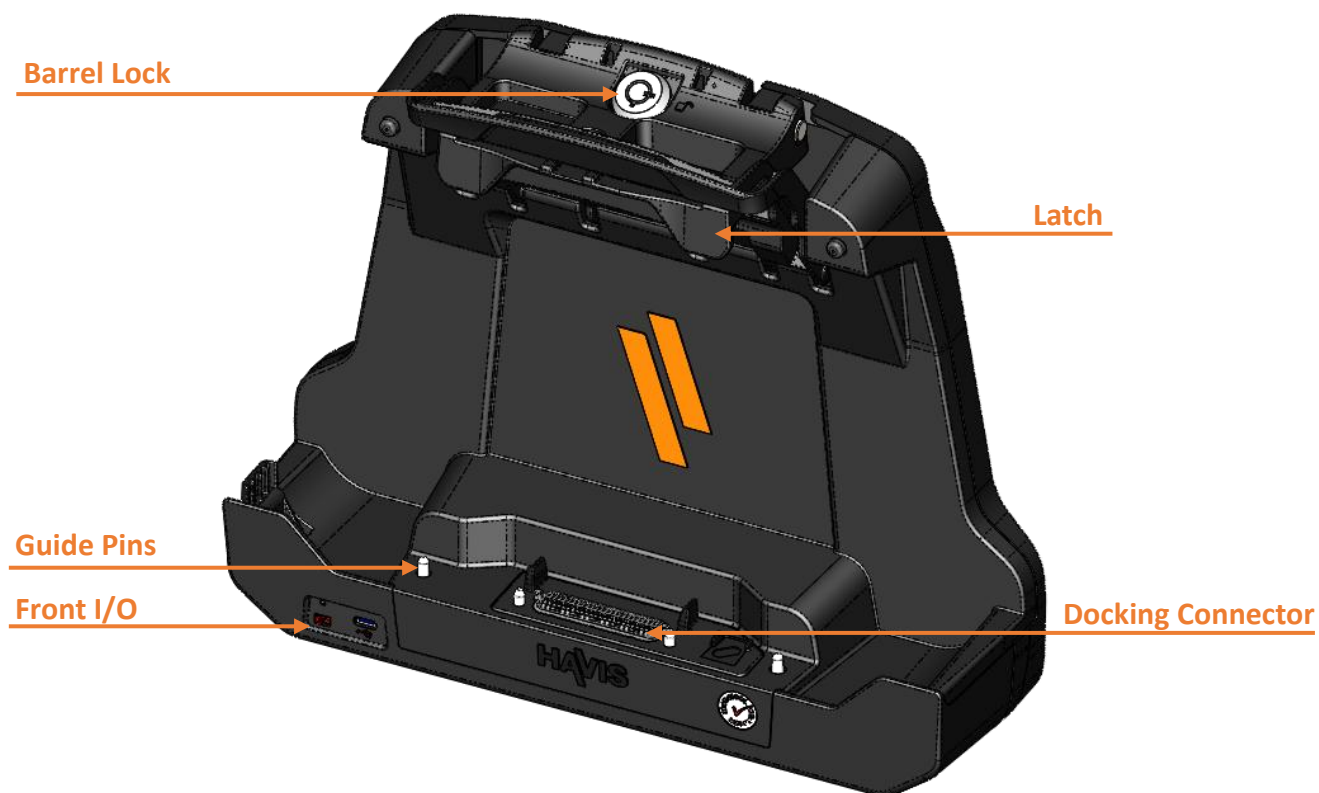
Dimensions



Parts Included

Docking Station

(DS-PAN-741-2)



Parts Included (continued)

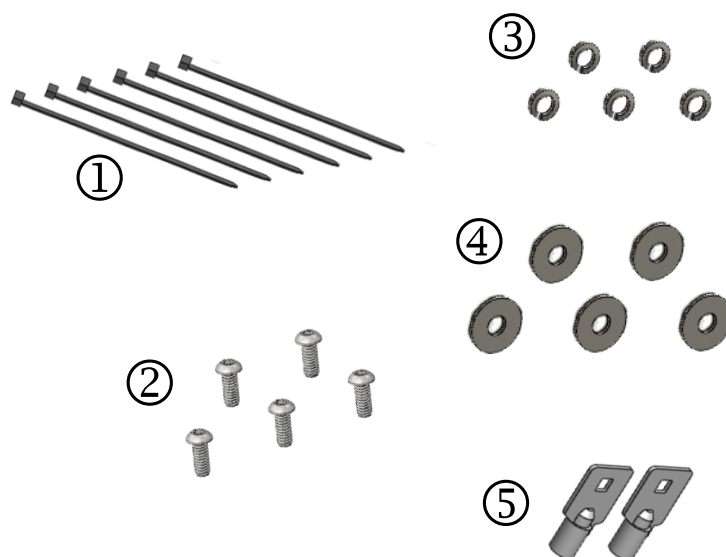
Hardware Kit (No. 0035)

This Hardware Kit includes:

1. Zip Ties (6)
2. M4 X 0.7 X 12mm Machine Screws (5)
3. M4 Lock Washers (5)
4. M4 Washers (5)
5. Barrel Lock Keys (2)

Tools required for installation:

- #2 Phillips (For M4 Pan Head Screws)



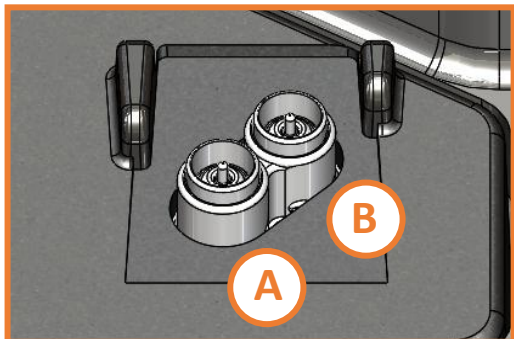
Antenna Identification

DS-PAN-741-2, DS-PAN-744-2

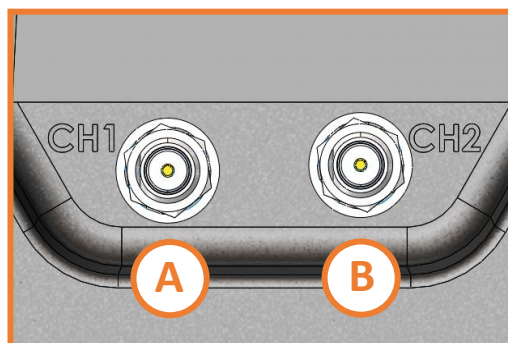
CH1 – A

CH2 – B

Antenna Connectors (SMA)

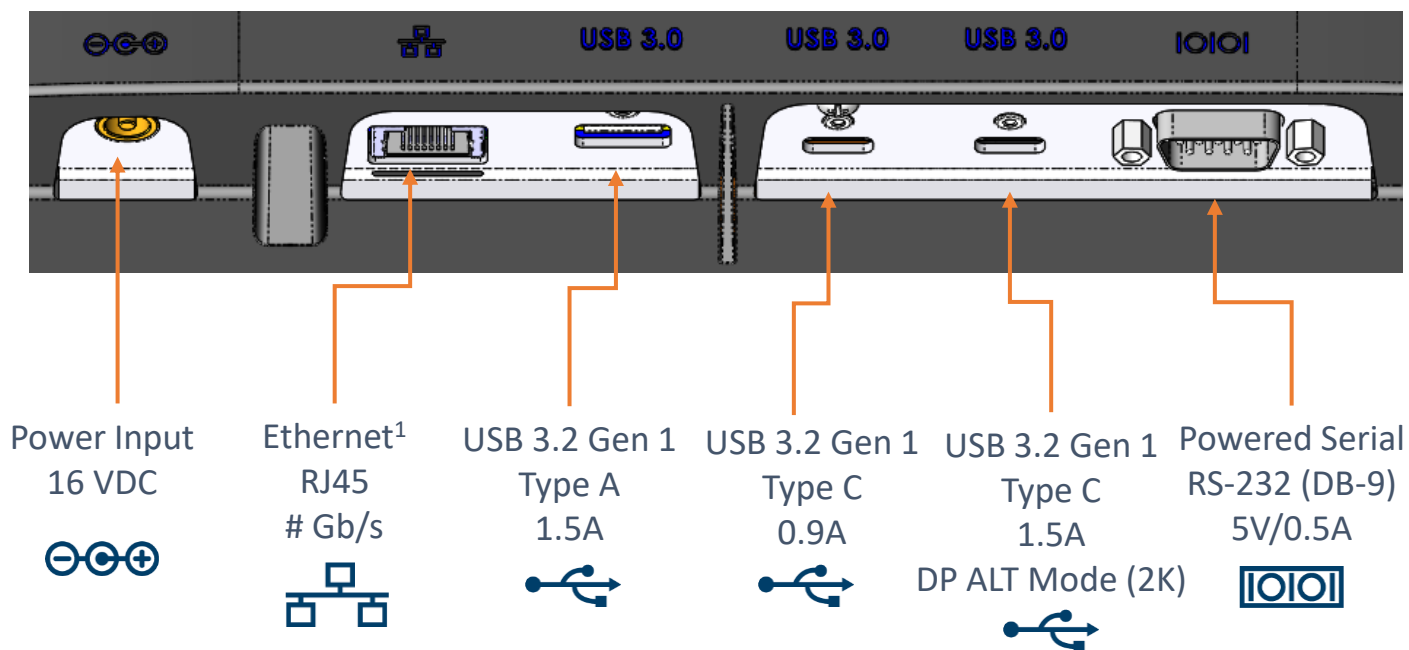


Laptop/Tablet Interface

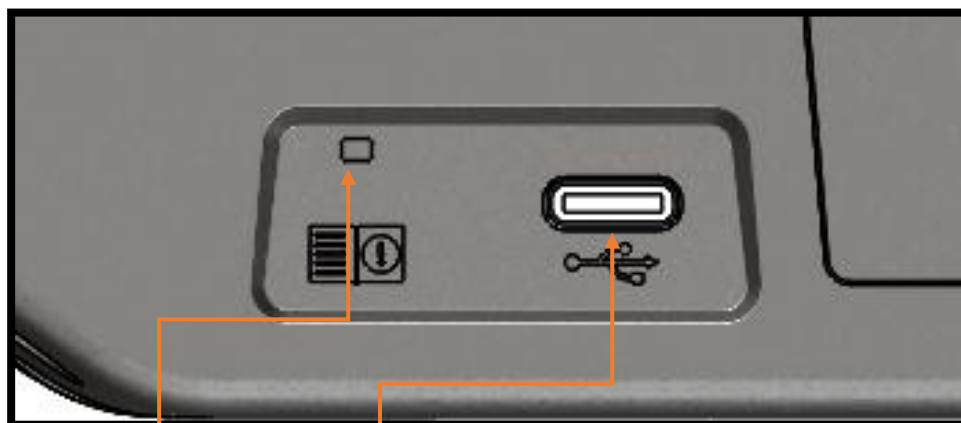


Port Replication Capability (Advanced)

Rearward Facing Ports DS-PAN-741, DS-PAN-741-2



Front Facing Ports DS-PAN-741, DS-PAN-741-2, DS-PAN-744, DS-PAN-744-2



LED Indicator

USB-2.0
Type C
0.5A

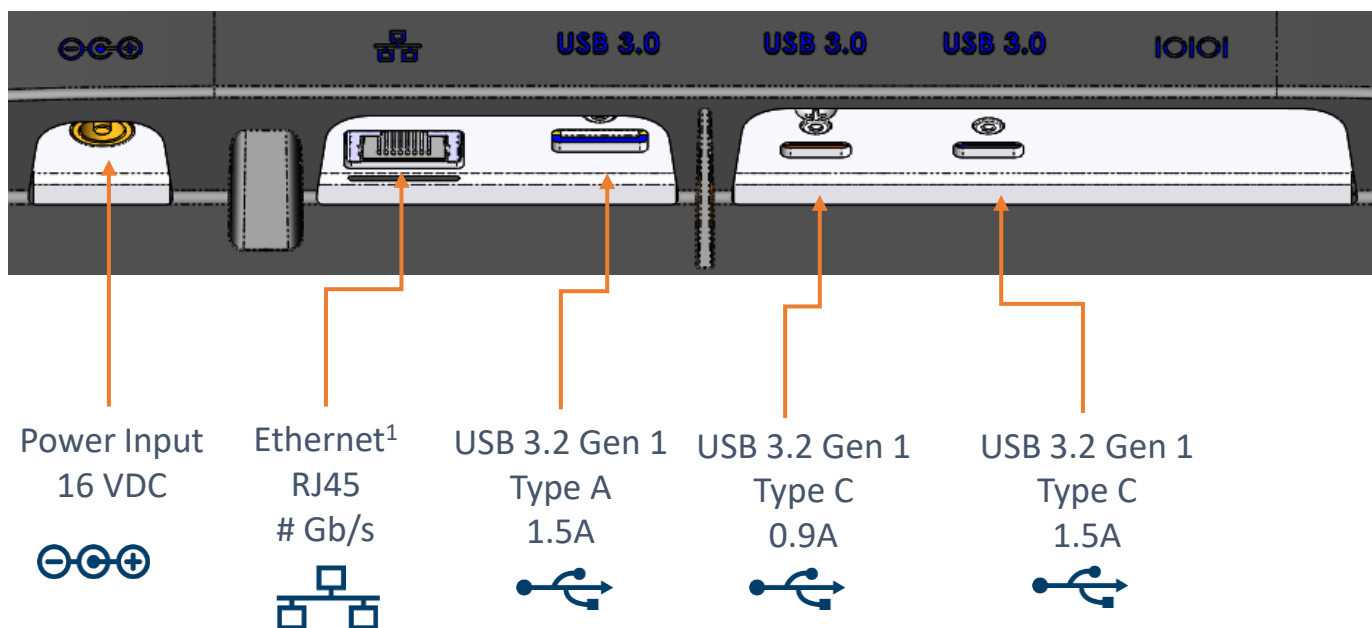


Dock Powered	PC Installed	LED Light Status
-	-	OFF
YES	-	OFF
YES	YES	SOLID GREEN
-	YES	SOLID ORANGE
YES	NOT CORRECT	BLINKING RED

Port Replication Capability (Standard)

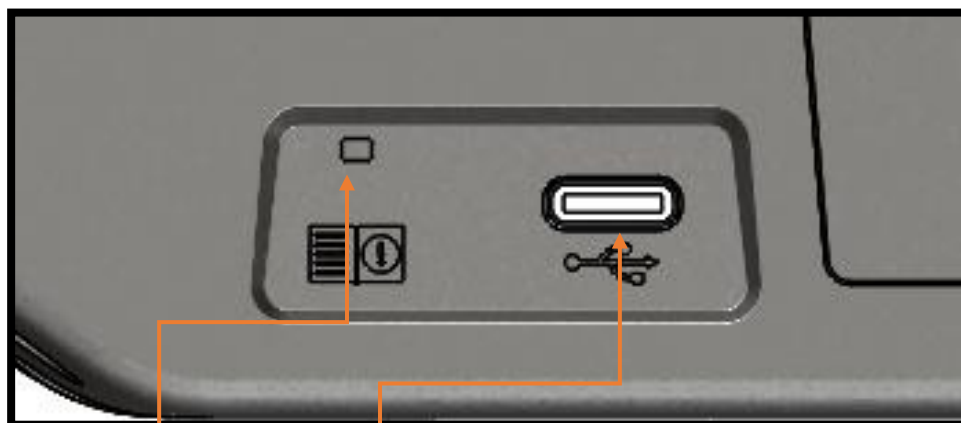
Rearward Facing Ports

DS-PAN-744, DS-PAN-744-2



Front Facing Ports

DS-PAN-741, DS-PAN-741-2, DS-PAN-744, DS-PAN-744-2



LED Indicator

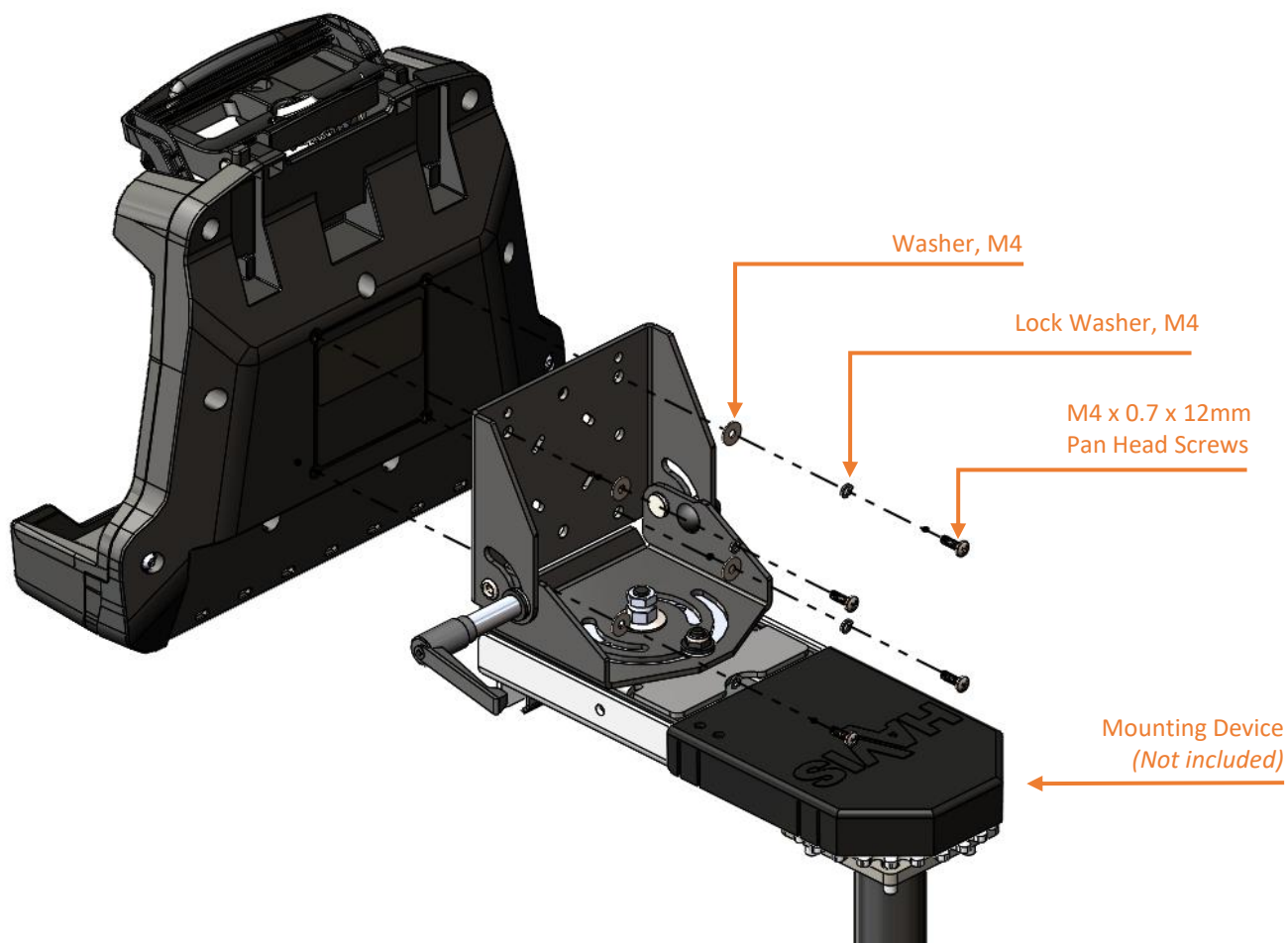
USB-2.0
Type C
0.5A



Dock Powered	PC Installed	LED Light Status
-	-	OFF
YES	-	OFF
YES	YES	SOLID GREEN
-	YES	SOLID ORANGE
YES	NOT CORRECT	BLINKING RED

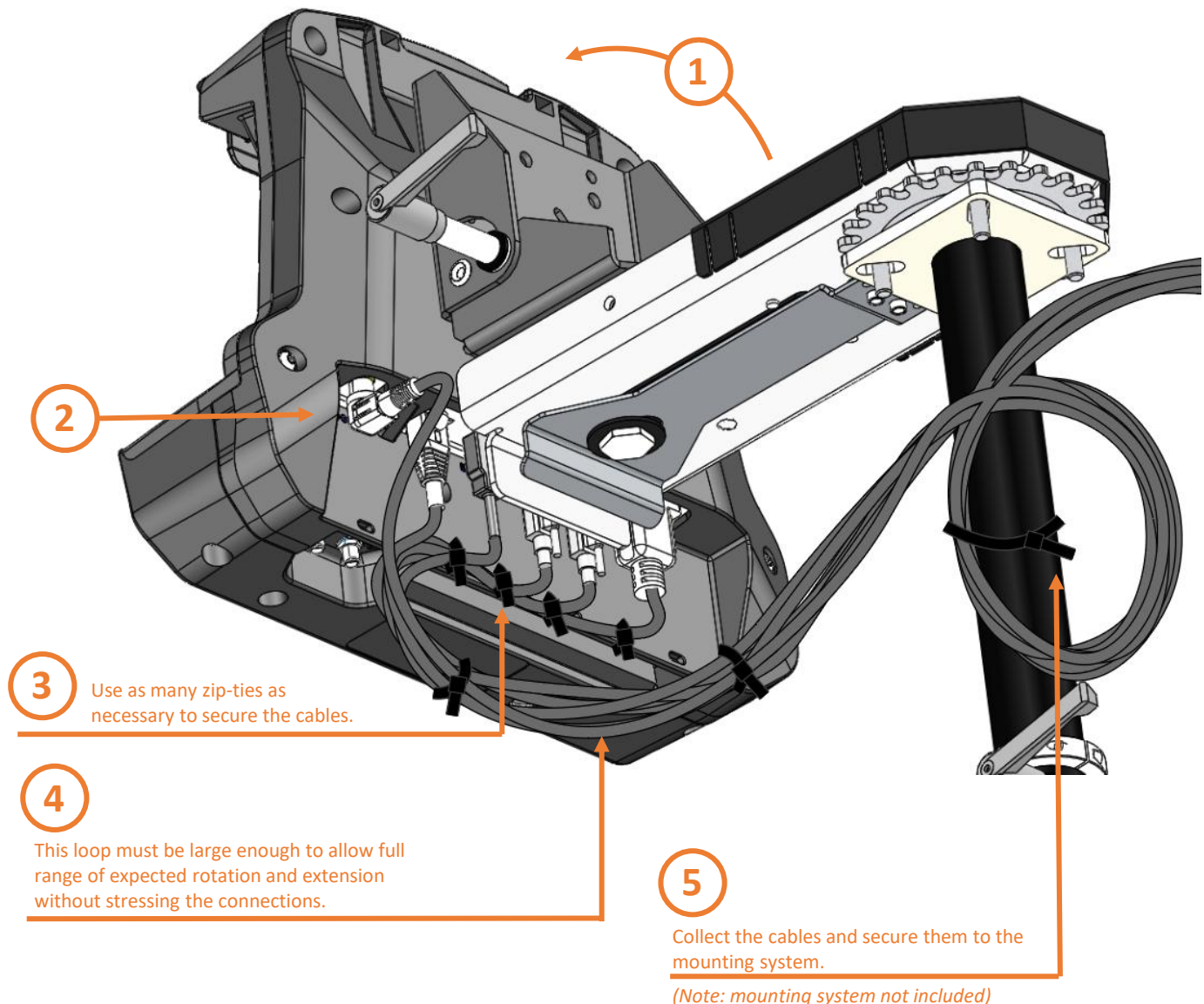
Installation

- 1) Align the docking station mounting holes with the hole pattern on the mounting device. Using the four (4) M4 0.7 x 12 mm screws, four (4) M4 washers, and four (4) M4 lock washers, secure the docking station to the mounting device. Torque the screws to 20 in-lbs (2.3Nm) $\pm$ 10%



Cable Management

- 1) Orient the docking station in a position that is comfortable to work with.
- 2) Install all cables that are necessary for computing needs.
- 3) Use zip-ties to strain relieve cables to the strain relief pints, routing all cables together to the front of the docking station.
- 4) Secure the cable bundle to the mounting bracket with a zip-tie.
- 5) Create a service loop with the cable bundle to ensure that no tension is on the connectors, and to enable the intended motion.
- 6) Tie off the cables onto a stationary part of the mounting system.
(Mounting system not included with the docking station.)



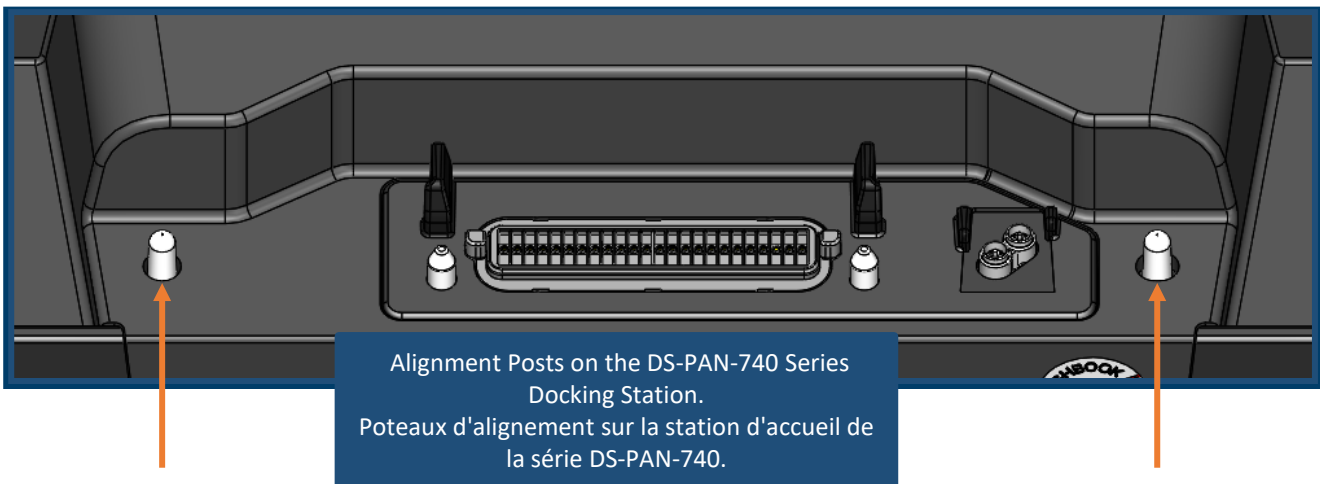
Operation - Docking

⚠ CAUTION

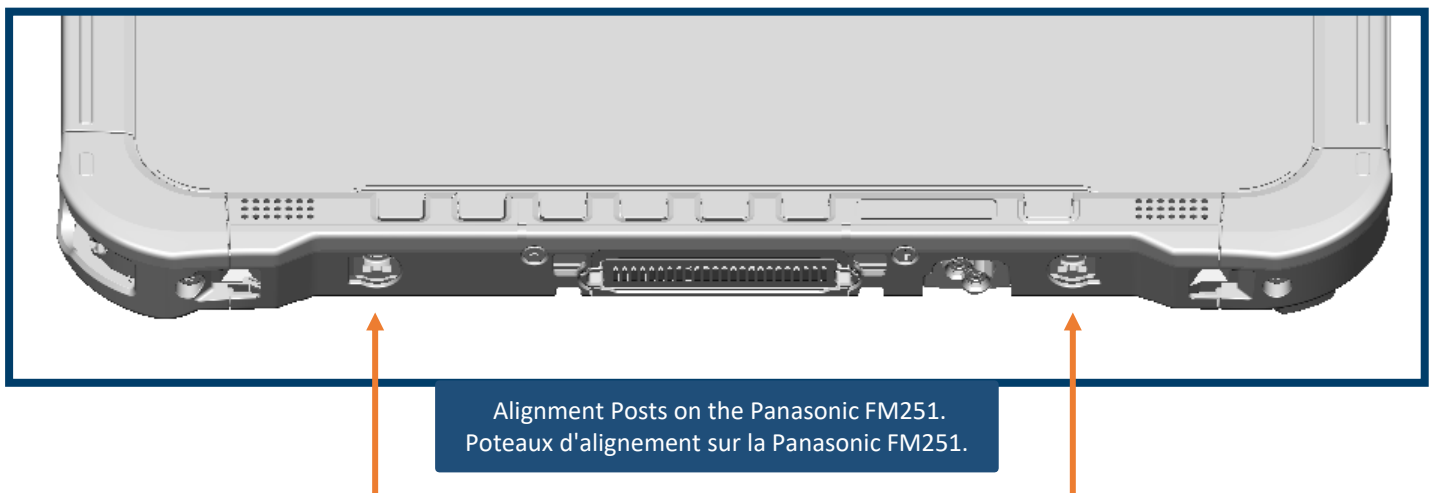
⚠ ATTENTION

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

NE PAS FORCER POUR PLACER LA TABLETTE SUR LA STATION D'ACCUEIL. S'IL Y A DE LA RÉSISTANCE, VÉRIFIER L'ALIGNEMENT DE LA TABLETTE SUR LA STATION D'ACCUEIL.

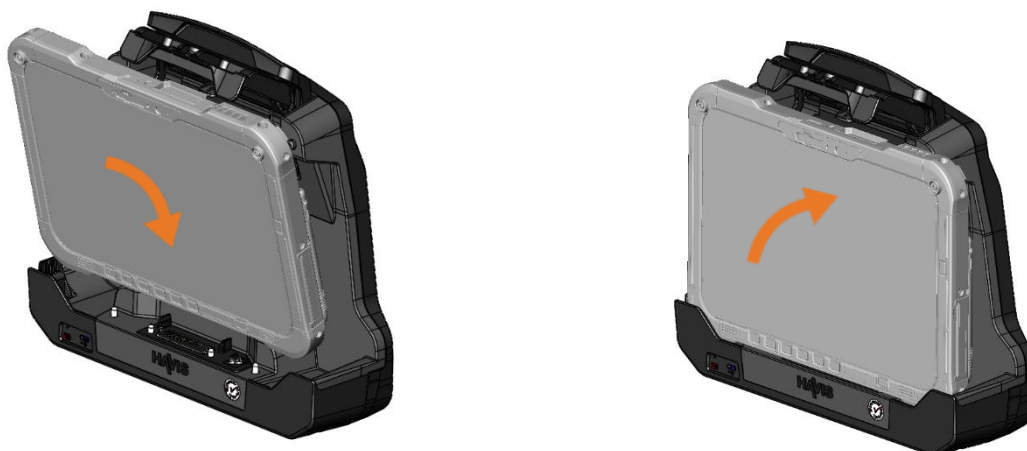


1. Place FM252 device in docking station. If there is resistance, do not force tablet into dock.



Operation - Docking

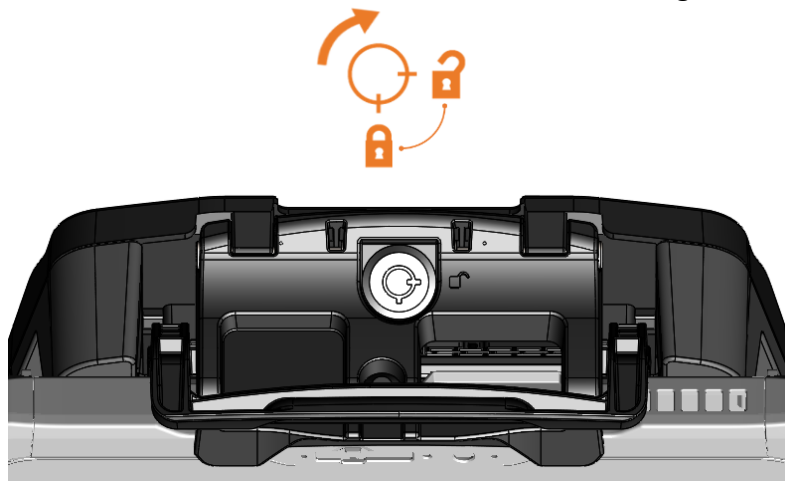
1. Hold the tablet in landscape orientation and tilted slightly forward. Lower the bottom of the tablet onto the docking station and then pivot the top until the tablet is fully seated.



2. Pull the locking lever forward, securing the tablet to the dock with the latch.

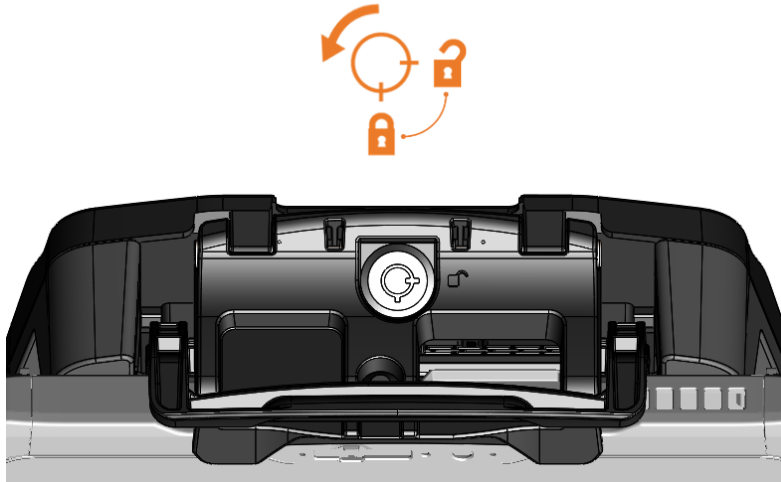


3. Insert the key and rotate clockwise to lock the device into the docking station.



Operation - Undocking

1. Rotate the lock with the key counterclockwise to unlock the latch.



2. Pull the locking lever backward, releasing the device from the docking station.



3. Pivot the top of the tablet forward and pull up, disconnecting the docking connector, and removing the tablet.



Regulatory Information

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

Regulatory Information

Canada

CAN ICES (B) / NMB (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.

Caution: 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

Regulatory Information *(continued)*

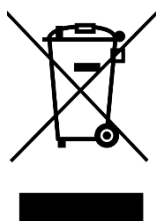
European Union

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Conformité Européene (CE) Mark



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EU Authorized Representative:

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

United Kingdom

United Kingdom Conformity Assessed (UKCA) Mark



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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.



DS-DA-501

Replacement Keys

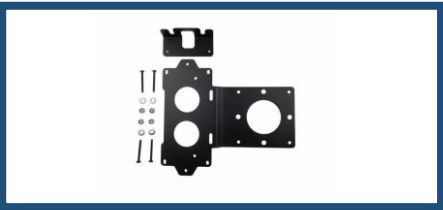
Set of (2) replacement keys for HAVIS Docking Stations



120N-B01-SO3-1

90W Power Supply

External in-vehicle power supply, 36" power output cable and 72" bare-wire input cable



LPS-211

Multipurpose Bracket

Multipurpose Bracket Secures Power Supplies On Havis Docking Stations Or Cradles



CG-X

Charge Guard-Select

Auto Shut-Off timer that will protect your vehicles battery and peripherals



DS-DA-604

Rugged USB-C Port Replication Hub

Two Type C and two Type A USB3.1 ports and a Gigabit RJ45 port



DS-DA-218

Desktop Stand

Durable stand for mounting the Docking Station in the home or office.