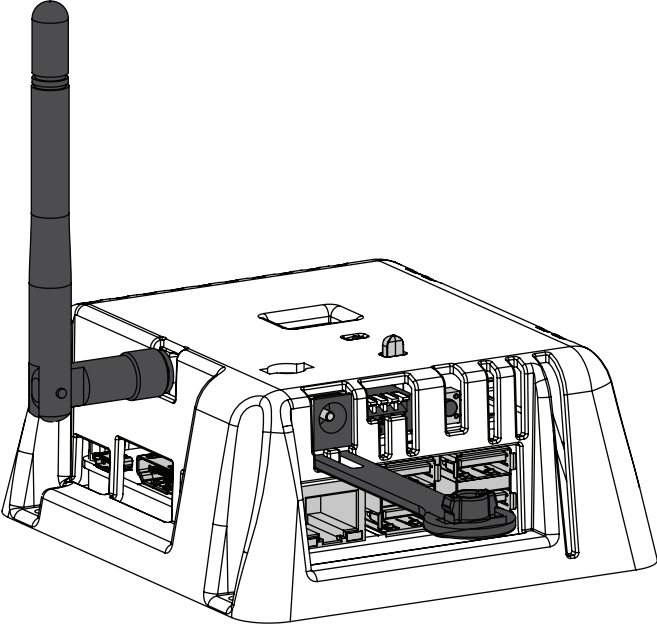
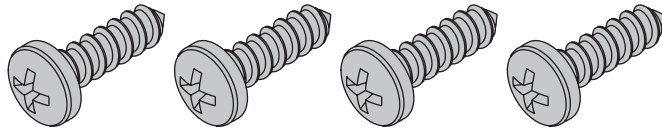

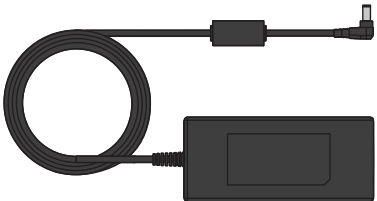
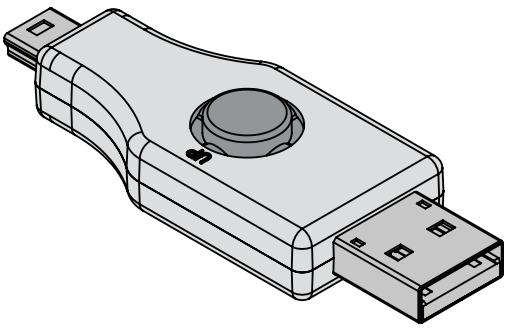

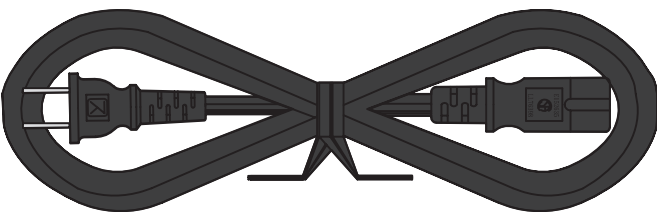


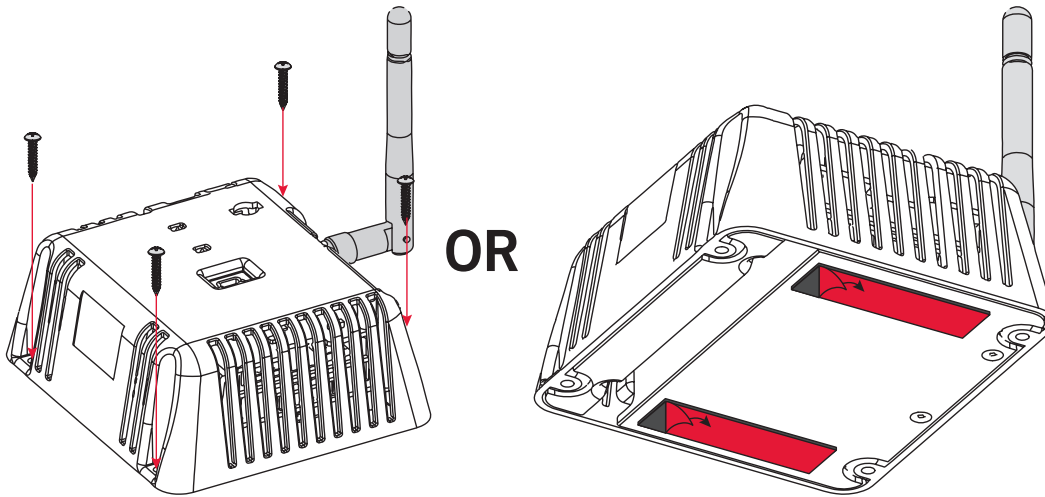
PARTS INCLUDED

<p data-bbox="295 151 574 184">MTI Connect™ Hub</p> 	<p data-bbox="1107 151 1260 184">Screws (4)</p>  <p data-bbox="1123 445 1243 478">VHB (2)</p>  <p data-bbox="1091 739 1279 772">Power Supply</p> 
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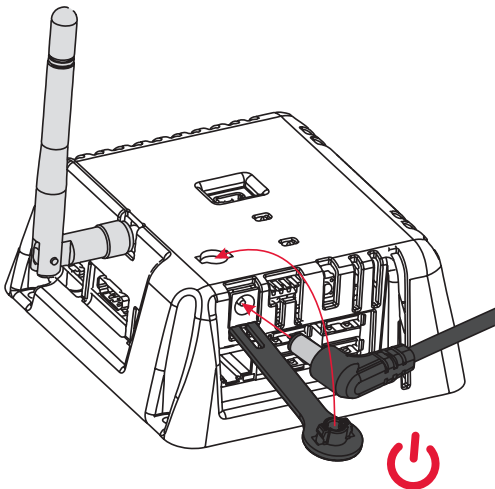
REQUIRED, BUT NOT INCLUDED

<p data-bbox="370 1138 506 1171">IntelliKey</p> 	<p data-bbox="847 1138 1523 1171">RFID Cards (Required for RFID-enabled devices)</p> 
<p data-bbox="230 1549 646 1583">Power Cable (Region-Specific)</p> 	

- 1** NOTE: This device requires professional installation to prevent tampering with or removal/replacement of the antenna by anyone other than qualified service professionals.



- 2** Install the power supply and power up the Hub. Secure the power supply by wrapping the rubber flap around the connector and attaching into the opening on top of the Hub.



Main Plug of the adapter acts as disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

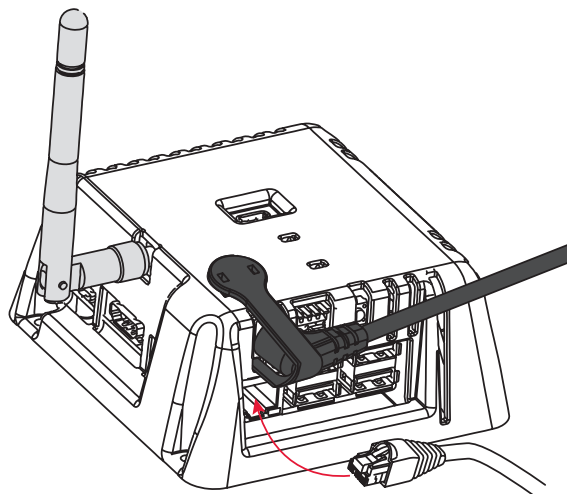
Warning: The Adapter must IEC/EN/UL 62368-1 certified with output 5 VDC 3A, or provided by MTI; other specification may cause damage.



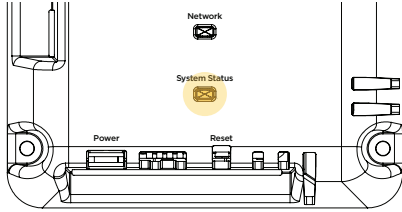
La prise principale de l'adaptateur agit comme un dispositif de déconnexion, la prise de courant doit être installée près de l'équipement et doit être facilement accessible.

Avertissement: L'adaptateur doit être certifié IEC/EN/UL 62368-1 avec une sortie 5 VCC 3A, ou fourni par MTI; d'autres spécifications peuvent causer des dommages.

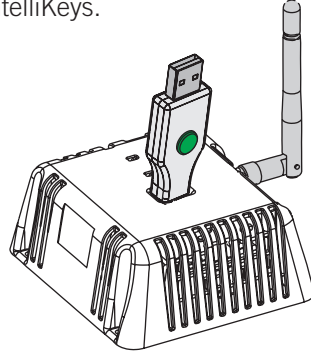
- 3** If using with MTI Connect application software, Connect the Hub to the internet with an available Ethernet cable or setup with WIFI credentials. If not using with MTI Connect, move on to Freedom Micro Pairing.



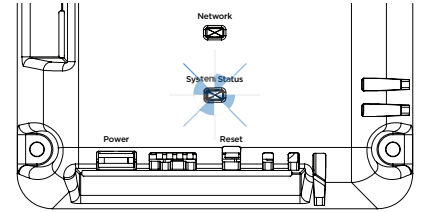
1 Ensure the Hub and all Freedom Micro positions are powered up. Once powered, the status light will illuminate (see page 3 for LED Status Indicators).



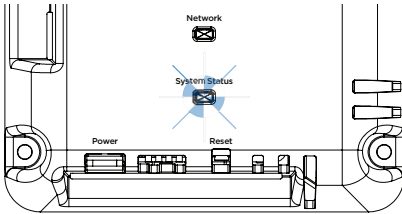
2 Plug Connect IntelliKey into the USB port on the top of the Hub. When the IntelliKey LED lights green, it has been added to the system whitelist. Remove and repeat for all other Connect IntelliKeys.



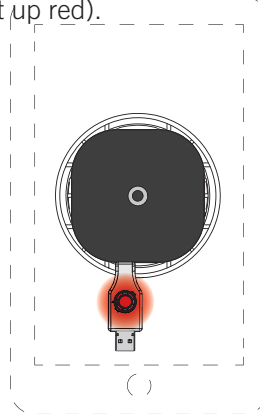
3 Plug in any Connect IntelliKey in for 10 seconds. After 10 seconds, the Hub status indicator will flash blue, indicating the Hub is in network pairing mode.



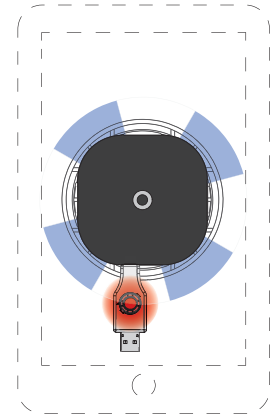
4 Remove the IntelliKey (blue LED will stay flashing on Hub for up to 15 minutes).



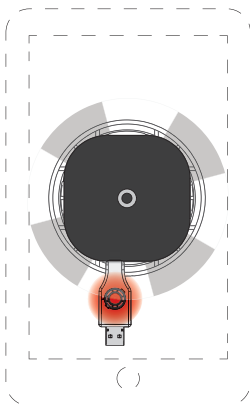
5 Take any of the Connect IntelliKeys to each position that has a flashing yellow LED and plug in the IntelliKey for 10 seconds (the IntelliKey LED will light up red).



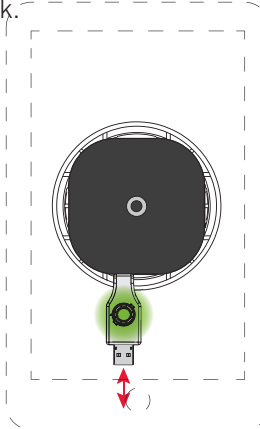
6 After 10 seconds, the puck LED will flash blue until it connects to the Hub's network.



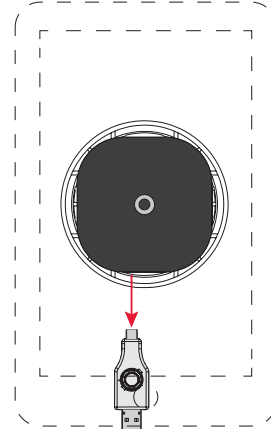
7 After connecting to the network, the LED on the puck will double white flash every 5 seconds, the IntelliKey's LED will still remain red.



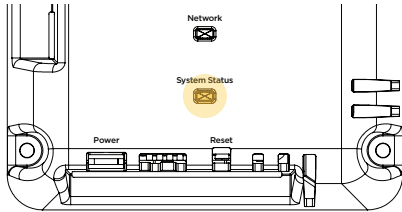
8 Remove and re-insert the IntelliKey; the IntelliKey's LED should light green, indicating the IntelliKey will now control the puck.



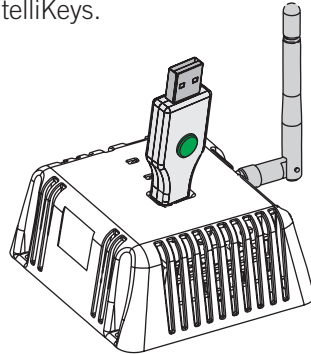
9 Removing the IntelliKey after the LED illuminates green will arm the position if the position is fully merchandised.



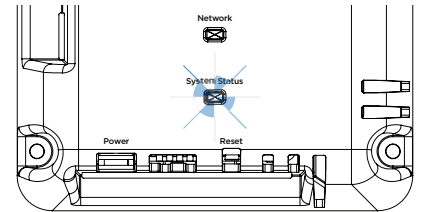
1 Ensure the Hub and all CX Flex or Freedom Micro II positions are powered up. Once powered, the status light will illuminate (see page 3 for LED Status Indicators).



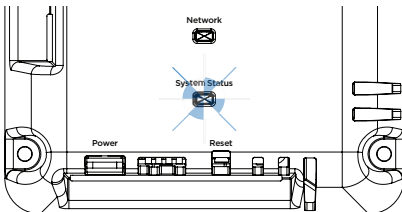
2 Plug Connect IntelliKey into the USB port on the top of the Hub. When the IntelliKey LED lights green, it has been added to the system whitelist. Remove and repeat for all other Connect IntelliKeys.



3 Plug in any Connect IntelliKey in for 10 seconds. After 10 seconds, the Hub status indicator will flash blue, indicating the Hub is in network pairing mode.



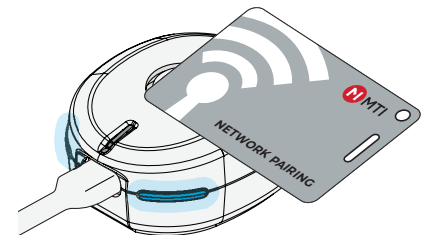
4 Remove the IntelliKey (blue LED will stay flashing on Hub for up to 15 minutes).



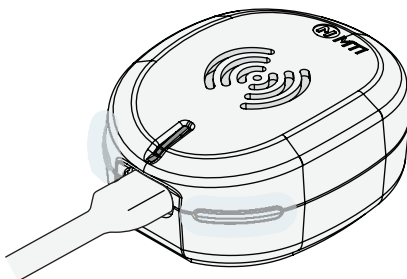
5 Activate user keys in the MTI Connect web portal. This function is only available to Managers or higher level personnel.



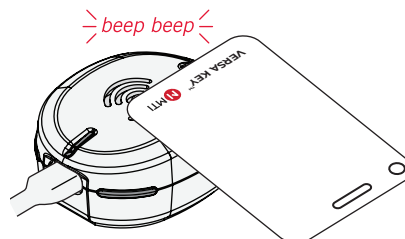
6 Touch the pairing card to the RFID device. The LED indicator will flash blue for up to 90 seconds.



7 After connecting to the network, the LED indicator will flash white slowly if disarmed or solid white if armed.

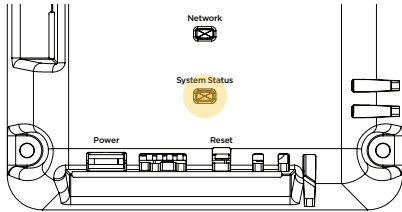


8 Touch an activated user key to the device. A double beep indicates that the key will now control the device.

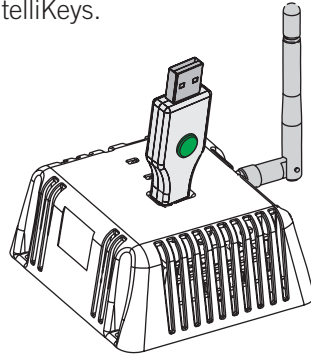


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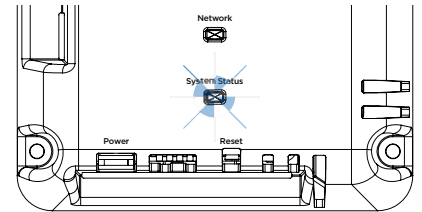
1 Ensure the Hub and all Lock positions are powered up. Once powered, the status light will illuminate (see page 3 for LED Status Indicators).



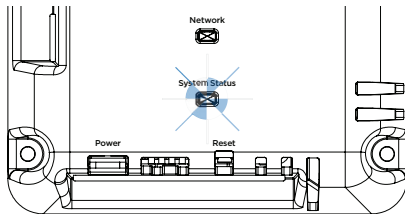
2 Plug Connect IntelliKey into the USB port on the top of the Hub. When the IntelliKey LED lights green, it has been added to the system whitelist. Remove and repeat for all other Connect IntelliKeys.



3 Plug in any Connect IntelliKey in for 10 seconds. After 10 seconds, the Hub status indicator will flash blue, indicating the Hub is in network pairing mode.



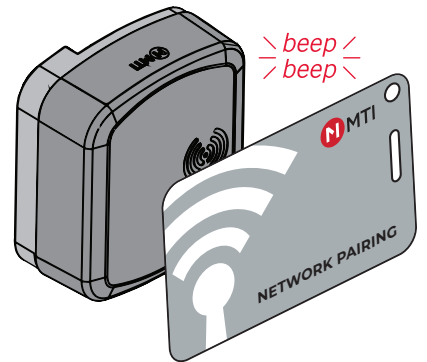
4 Remove the IntelliKey (blue LED will stay flashing on Hub for up to 15 minutes).



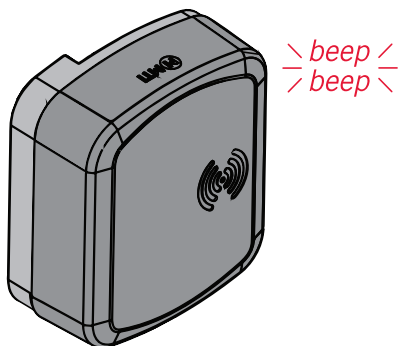
5 Activate user keys in the MTI Connect web portal. This function is only available to Managers or higher level personnel.



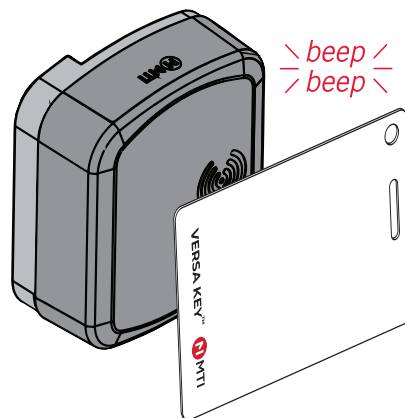
6 Touch the pairing card to the lock. The lock will begin beeping slowly for up to 90 seconds.



7 After connecting to the network, the lock will sound a double beep to confirm it has joined the network.



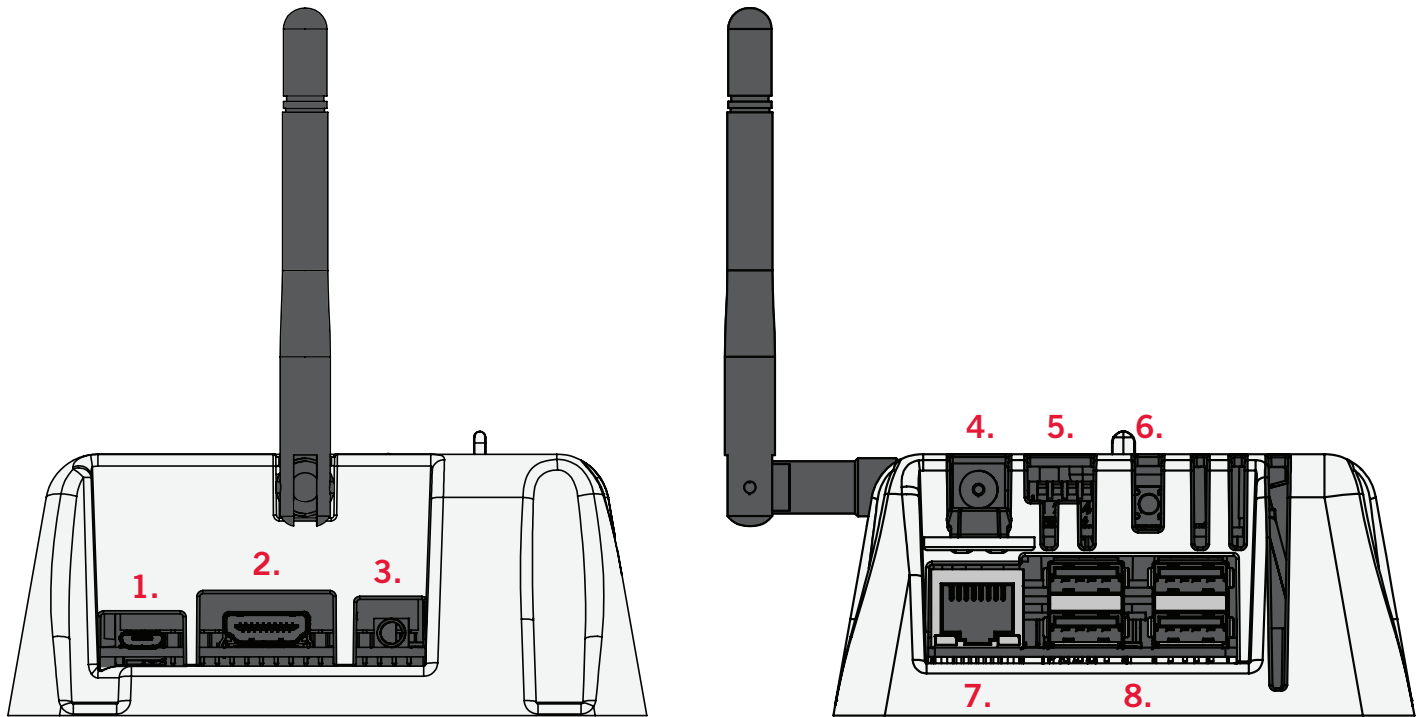
8 Touch an activated user key to the device. A double beep indicates that the key will now control the lock.



9

Visual Reference	System Status	Condition
	No Lights On	Hub has no power and backup battery has been depleted. Reconnect Hub to power.
	Status LED Solid Green	<p>Hub is Fully Functional:</p> <p>Hub is communicating with the MTI Connect Cloud.</p> <p>Hub is communicating with devices over the Connect network</p> <p>Use MTI Connect Application as normal.</p>
	Status LED Flashing Blue	<p>Hub is in pairing mode.</p> <p>Refer to the network pairing sections of this guide.</p>
	Status LED Solid Yellow	<p>Hub is not communicating with devices over the Connect network</p> <p>Pair MTI security devices or move the Hub closer to them.</p>
	Status LED Solid Red	<p>Hub is not communicating with the MTI Connect cloud.</p> <p>When using MTI Connect software, if this condition persists for more than 5 minutes, cycle power to the Hub or contact support.</p>
	Status LED Flashing Red	<p>Hub is in battery backup mode</p> <p>Reconnect the Hub to power.</p>

Visual Reference	System Status	Condition
	<p>No Lights On</p>	<p>Hub has no power or internal error. Connect to power or cycle power.</p>
	<p>Network LED Solid Green</p>	<p>Hub is Connected to the internet. Normal operation.</p>
	<p>Network LED Solid Yellow</p>	<p>Hub is connected to a network but cannot reach the internet. If MTI Connect software function is required, connect the hub to a network that is connected to the internet.</p>
	<p>Network LED Solid Red</p>	<p>Hub is not connected to any IP network (No IP address). If MTI Connect software function is required, Connect the hub to a network that is connected to the internet.</p>
	<p>Network LED Flashing Blue</p>	<p>Hub is in Wi-Fi configuration mode. Refer to Connect Hub Wi-Fi setup guide.</p>



1. **Auxiliary Micro USB Power Port** - Used for installation and maintenance
2. **HDMI Port** - Used for installation and maintenance
3. **Audio/Video 3.5mm Port** - Used for installation and maintenance
4. **Primary Power Port** - The standard power input. Connect a 5V power supply, rated for 10 watts or more (not exceeding 15W)
5. **Dipswitches** - Sets configurations at installation. Refer to dipswitch setting table in appendix.
6. **Reset button** - Used to reset the list of whitelisted IntelliKeys
7. **Ethernet port** - Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or Internet access. The two lights next to the connector indicate the connectivity status and network activity.



Warning: Ports designated as “used for installation and maintenance” must not be accessed by end users. Only MTI-certified technical personnel may use these ports during installation and maintenance.

Avertissement: les ports désignés comme «utilisés pour l’installation et la maintenance» ne doivent pas être accessibles aux utilisateurs finaux.

Seul le personnel technique certifié MTI peut utiliser ces ports pendant l’installation et la maintenance.

The rating label is located at the bottom of the housing.

L’étiquette signalétique est située au bas du boîtier.

FCC ID: 2AA2X-16500361

Model: Connect Hub

FCC Statement

This device complies with Part 15 of the FCC Rules.

Caution: If any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The RF Exposure Compliance distance is 20 millimeters.

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.

ISED Certification Number: 24439-16500361

Model: Connect Hub

ISED Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) il ne doit pas produire de brouillage et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

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

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Technical Data

Operating Frequency:	2405 MHz to 2480 MHz
Operating Temperature:	0°C to 40°C
Max Power:	Less than 20dBm at 2.4 GHz

Additional Safety Information

1. For indoor use only. The apparatus shall not be exposed to water.
2. No user replaceable parts inside; refer servicing to manufacturer or qualified service personnel.
3. Only use accessories specified by the manufacturer.
4. Do not expose to excessive heat sources.

Disposal: All electrical and electronic products including batteries should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.



This product contains a rechargeable battery. Proper storage, use, and disposal of the battery is important. Please refer to the guidelines below:

- i. Properly dispose of the battery; Do not dispose of the battery into a furnace/oven or into a fire or mechanically crush or cut the battery, as this could cause the battery to explode.
- ii. Storing the battery in an environment at higher temperatures than stated above can result in explosion or leaking of flammable liquid or gas.
- iii. Subjecting a battery to very low air pressure or high altitudes can result in explosion or leaking of flammable liquid or gas.



Safety Warnings and Precautions



DANGER

- LITHIUM-ION BATTERIES CAN POSE A RISK OF FIRE, PROPERTY DAMAGE AND SERIOUS INJURY IF DAMAGED OR USED PAST THEIR EFFECTIVE LIFE (USUALLY 14 MONTHS).
- STOP USING THE BATTERY IMMEDIATELY AND STOP CHARGING THE BATTERY IF ABNORMAL HEAT, ODOR, DISCOLORATION, DEFORMATION/SWELLING OR ANY OTHER ABNORMAL CONDITION IS DETECTED.
- Thoroughly read the user's manual before use, as inaccurate handling, storage or use of lithium-ion rechargeable batteries may cause leakage, heat, smoke, fire, or degrade battery performance.
- Lithium-Ion batteries have finite life cycles. If the time that the battery powers equipment between charges becomes shorter than usual, the battery life is at an end. Remove device from service and contact MTI for guidance on replacement options.



CAUTION

- Keep away from heat or open flame, especially if leakage or an odor is detected.
- When not using the battery for an extended period, remove the electronic device from service and store in a place with low humidity and controlled room temperature. Keep the cells in 50% charged state during long period storage. Recommend maintenance is to charge the battery up to 50% of the total capacity every 3 months after receipt of the battery and maintain the voltage 3.7~4.0V.
- Extended or improper storage can result in degraded battery performance and increased risk of failure.



FIRST AID MEASURES

- In case of battery rupture, evacuate personnel from contaminated area and provide maximum ventilation to clear out fumes and gases. Avoid contact with any liquid leaking from the battery.
- If liquid leaks onto your skin or clothes, immediately flush affected areas with plenty of water and soap for at least 15 minutes and seek medical attention. Do not apply ointments unless instructed by a doctor.
- If liquid is leaking from the battery cell gets into your eyes, do not rub your eyes. Immediately flush with plenty of water (eyelids-held open) for at least 15 minutes and seek medical attention.