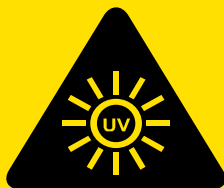# X18iS

User Manual

⚠

WARNING
AVERTISSEMENT

ALWAYS FOLLOW SAFETY PRECAUTIONS

RESPECTEZ TOUJOURS LES CONSIGNES DE SÉCURITÉ

- Death or serious injury may occur when children climb on audio and/or video equipment furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.
- Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child.
- UV-C light hazard – avoid exposure to eyes/skin.

- Il y a un danger de blessures graves ou même de mort si un enfant grimpe sur un meuble pour matériels audio ou vidéo. Une télécommande ou un jouet laissés sur le meuble peuvent inciter l'enfant à y grimper, ce qui peut provoquer le basculement du meuble sur l'enfant.
- Le repositionnement de matériels audio ou vidéo sur un meuble non spécialement conçu pour cela peut causer la mort ou des blessures graves par effondrement ou renversement du meuble sur un enfant.
- Risque de lumière UV-C - éviter toute exposition aux yeux / à la peau.

UV-C LIGHT HAZARD

- UV-C light inside this cart when operation.

- Eye and skin hazard — avoid exposure to eyes/skin.

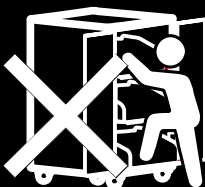- Do not look directly at UV-C light Take precautions to protect eyes and skin from direct exposure.

ONLY ADULTS should move the cart.

Le chariot ne doit être déplacé QUE PAR DES ADULTES.

NEVER climb, sit or stand on the cart.

Personne ne doit s'asseoir, se tenir ou grimper sur le chariot.

To reduce risk of electric shock ONLY use indoors.

Pour réduire le risque de décharge électrique, n'utilisez le chariot QU'À L'INTÉRIEUR.
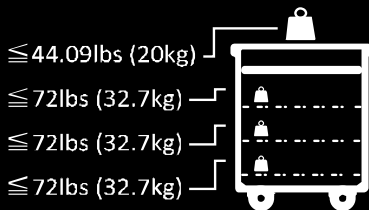

⚠ **CAUTION**

This cart is intended for use only with loading as indicated. Use with loads greater than indicated may result in instability causing possible injury.

⚠ **MISE EN GARDE**

Ce chariot est conçu pour n'être utilisé qu'avec des charges telles qu'indiquées. L'utilisation avec des charges supérieures aux indiquées peut rendre le chariot instable et causer des blessures.

≦44.09lbs (20kg)

≦72lbs (32.7kg)

≦72lbs (32.7kg)

≦72lbs (32.7kg)

CAUTION!

- **DO NOT** allow anyone to sit, stand, or climb on the cart.
- **DO NOT** lift the cart.
- **DO NOT** block the ventilation holes used for air circulation.
- **DO NOT** overload objects on the cart shelves. (Work platform maximum loading = 20kg / 44.09lbs; each shelf maximum loading = 32.7kg / 72lbs).
- **DO NOT** put any devices that exceed the maximum loading weight on top of cart.
- **DO NOT** open the rear door when UV-C lights are on and sanitization is in progress.
- Before starting the sanitizing process, please make sure the rear door is closed. We strongly recommend you to lock the rear door after you install the power adapters.
- When moving the cart, **DO NOT** put any devices (e.g. TV, Monitor, Documents camera…etc.) on top of the cart.
- **DO NOT** use any TV/monitor/display on top of the cart.
- Before moving the cart, disconnect the power from the wall outlet.
- While moving the cart, make sure the power cord is tightly wrapped and secured.

ATTENTION!

- **PERSONNE** ne doit s'asseoir, se tenir ou grimper sur le chariot.
- **IL NE FAUT PAS** soulever le chariot.
- **IL NE FAUT PAS** obstruer les orifices de ventilation qui permettent à l'air de circuler.
- **IL NE FAUT PAS** surcharger d'objets les étagères du chariot (charge maximale de la plateforme de travail : 20kg / 44,09lbs ; charge maximale de chaque étagère : 32,7kg / 72lbs).
- **NE** placez **AUCUN** appareil dépassant le poids de chargement maximum sur le dessus du chariot.
- **N'ouvrez PAS** la porte arrière lorsque les lampes UV-C sont allumées et que la désinfection est en cours.
- Avant de commencer le processus de désinfection, veuillez vous assurer que la porte arrière est fermée. Nous vous recommandons vivement de verrouiller la porte arrière après avoir installé les adaptateurs secteur.
- Pour déplacer le chariot, **IL NE FAUT** poser aucun appareil (poste de TV, moniteur, caméra pour documents, etc.) sur le haut dudit chariot.
- **N'UTILISEZ AUCUN** téléviseur / moniteur / écran sur le dessus du chariot.
- Avant de déplacer le chariot, débranchez la prise secteur.
- Pendant le déplacement du chariot, veillez à ce que le cordon d'alimentation soit correctement replié et fixé.

FCC NOTICE (Class A)

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 radiofrequency 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.

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

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.

DISCLAIMER

No warranty or representation, either expressed or implied, is made with respect to the contents of this documentation, its quality, performance, merchantability, or fitness for a particular purpose. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

In no event will AVer Information Inc. be liable for direct, indirect, special, incidental, or consequential damages arising out of the use or inability to use this product or documentation, even if advised of the possibility of such damages.

TRADEMARKS

"AVer" is a trademark owned by AVer Information Inc. Other trademarks used herein for description purpose only belong to each of their companies.

COPYRIGHT

The mark of Crossed-out wheeled bin indicates that this product must not be disposed of with your other household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where to drop off your waste equipment for recycling, please contact your household waste disposal service or the shop where you purchased the product.

More Help

For FAQs, technical support, software and instruction manual download, please visit:
https://www.averusa.com/education/support/

Contact Information

USA
AVer Information Inc.
https://www.averusa.com
668 Mission Ct.,
Fremont, CA 94539
Tel: +1 (408) 263 3828
Toll-free: +1 (877) 528 7824
Technical support: support.usa@aver.com
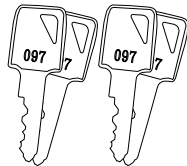
<u>Contents</u>

Package Contents

The following items are included in the package. Please check if each item is available before using.
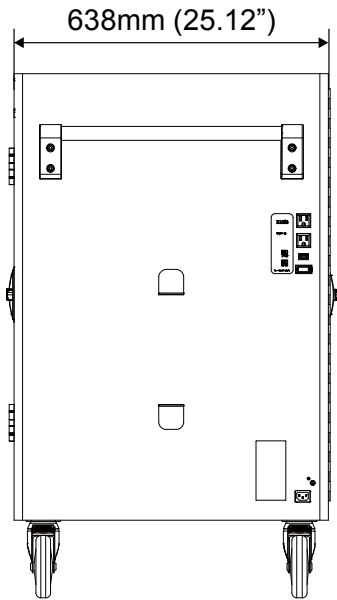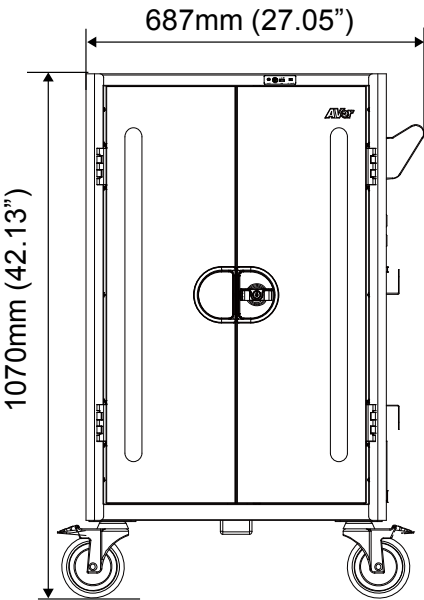

X18iS Cart

User Manual
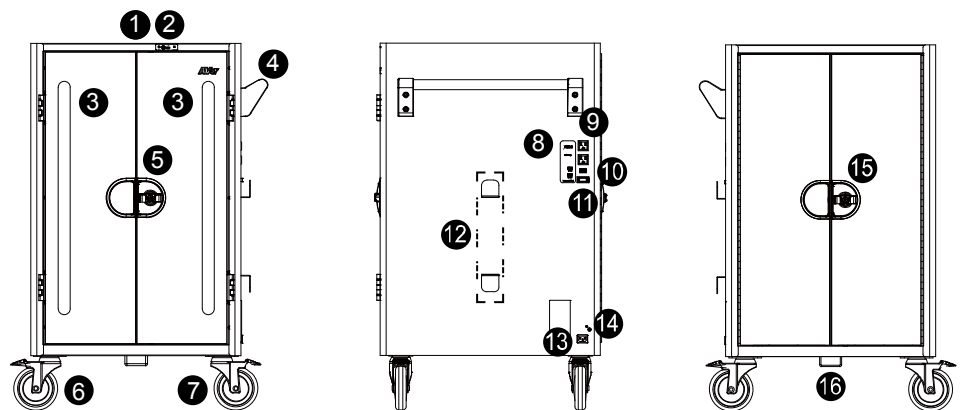

Door Key x4

Power Cable

UV Lamp x6

Dimensions

687mm (27.05")

1070mm (42.13")

638mm (25.12")
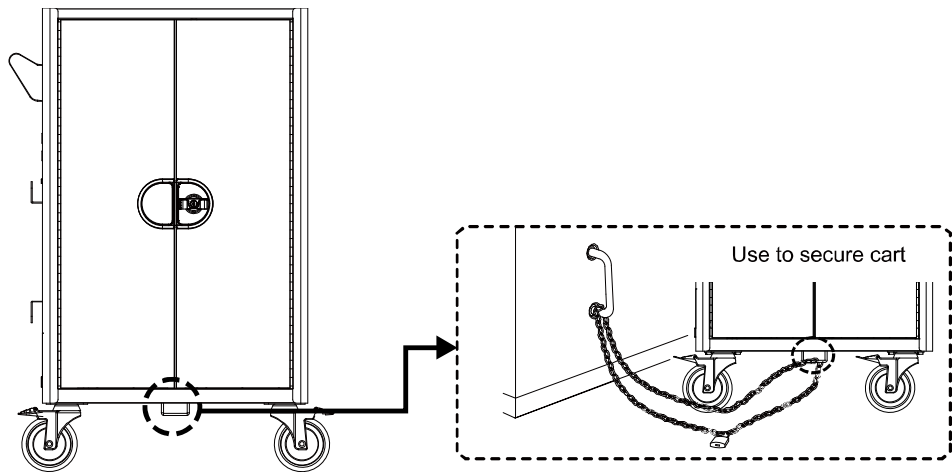
Diagram

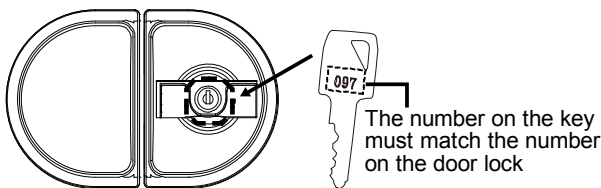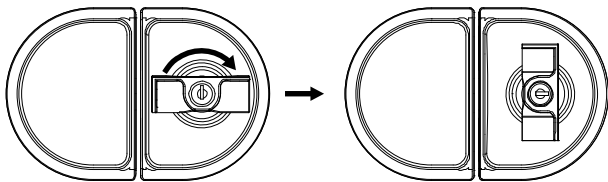| Front	Side	Back
1. Work platform	8. LED indicators	15. Door lock
2. UV lamp panel	9. Auxiliary outlets	16. Security hook
3. Observation windows	10. USB firmware upgrade port (not for charging or storage)	
4. Handle	11. Power switch	
5. Door lock	12. Power cable wrap brackets	
6. 5" direction lockable caster	13. Power inlet	
7. 5" lockable caster	14. Earthing screw	

Secure the Cart

Use to secure cart

Door Lock

- Unlock the door

(1) Use key to unlock the door.

097

The number on the key
must match the number
on the door lock

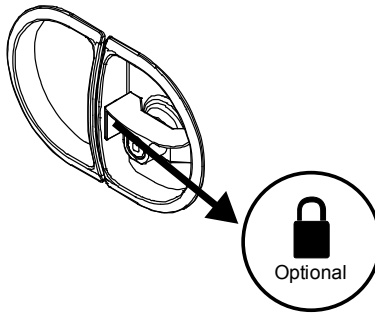(2) Turn the door lock to vertical position
to open the door.

- Lock the door

To lock the door, close the door and turn the door lock back to horizontal position.
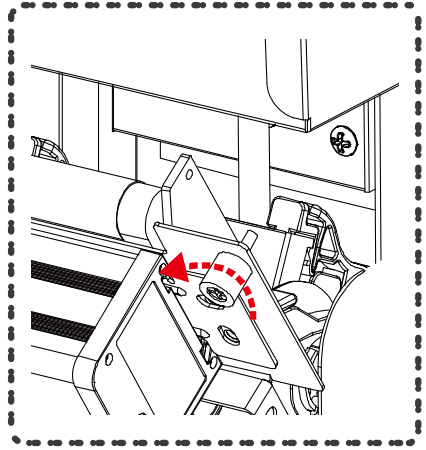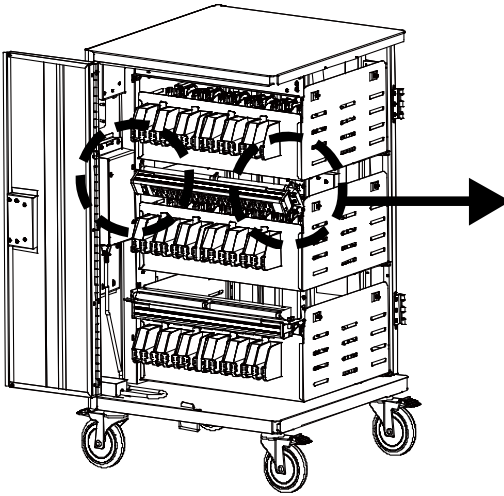
Then, use the key to lock the door.

For more security, use padlock to double secure the door.

[Note] The shackle dimension of front and back doors are limited to Ø8mm (0.31").

UV Lamp Installation

1. Set the power switch to the OFF position. Unplug the power cord.
2. Open the rear door and find the lamp holders above the drawer.
3. Find the UV lamps in the package.
4. Loosen screws of both sides of lamp holders and rotate the lamp holders down 90°.
5. Install the UV lamps on lamp holders and rotate the UV lamps 90° until you hear a click sound.
6. Push the lamp holders back and tighten the screws.
7. Plug the power cord. Set the power switch to the ON position.

[Warning]

- DO NOT open the rear door when UV-C lights are on and sanitization is in progress.
- Before starting the sanitizing process, please make sure the rear door is closed. We strongly recommend you to lock the rear door after you install the power adapters.

Cable Management

Back

1. Open the rear door.
2. Bundle the DC power cord with cable tie or zip-tie (not supplied) and leave proper length for connecting to the device.
3. For the ventilation purpose, EPEs are purposed placed alternately. Do not remove the EPEs. Place the power adapter into the rest individual adapter compartment.
4. Pass the DC-end of the adapter cable to the front of the cart through the space provided.
5. Plug-in the AC-end power cord to the corresponding power AC socket.

[Notes]

- It is recommended to use cable ties (not supplied) to secure and manage cables.
- It is recommended to allocate 2 persons for efficient device cabling.

Front

1. Open the front doors.

2. Release the cable clamp by pulling locking feature (A).
3. Route the adaptor DC-end cable along with the V-shape routing groove.

4. Snap the locking piece (B) to firmly secure the DC-end cable.
5. Place the mobile device into the bay.
6. Plug in the DC-connector to the mobile device.

Charging Cart

② Set the power switch to "ON" to begin charging.

Wall outlet

① Connect power cord to the cart and wall outlet.

[Notes]

■ Set the power switch to the **OFF** position before plugging the cart to wall outlet.

■ Auxiliary outlet and power inlet type may vary as they are country dependent.

Adaptive Intelligent Charging System

18 bays for X18iS are divided into 2 zones (12 bays for each zone). It is recommended to plug the top bays into the top zone.

1 ~ 12

13 ~ 24

UV Lamp Panel Setup

Manual Start Button · Auto/Manual Mode Slide Switch · UV Light LED Indicator · Time Slide Switch

1. Use the **Auto/Manual Mode Slide Switch** to set the UV lamps to turn on automatically or manually.
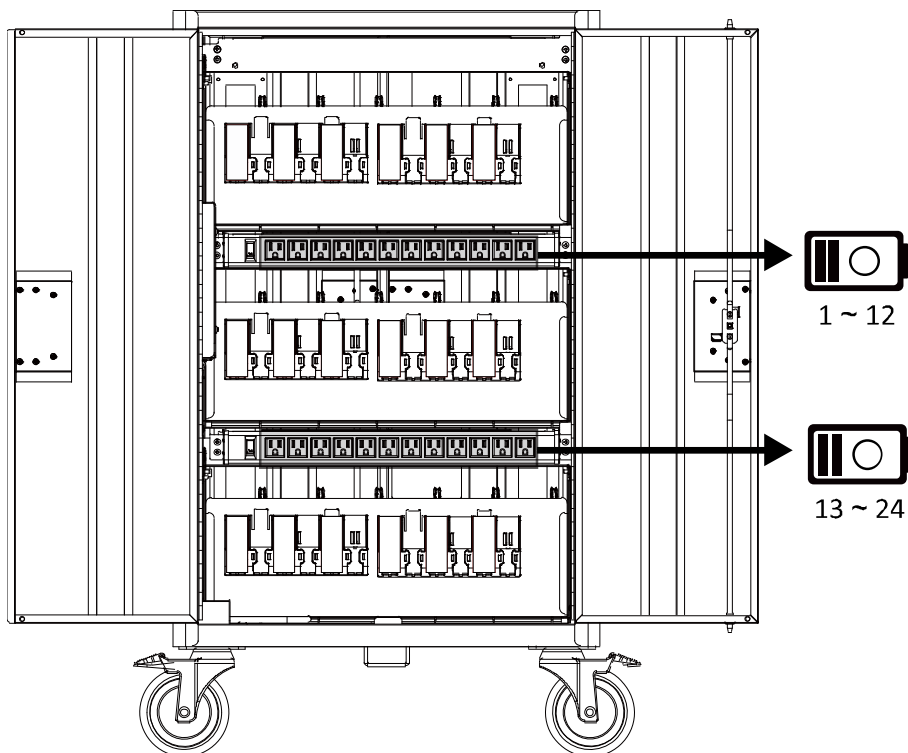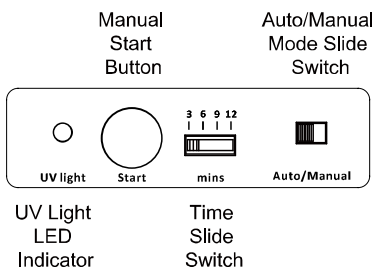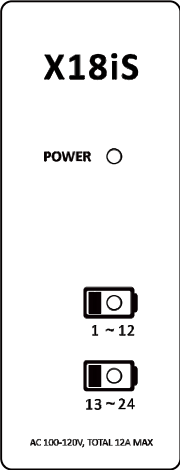   a. If **Auto** mode is chosen, close the front doors and UV lamps will automatically turn on 30 seconds later.
   b. If **Manual** mode is chosen, close the front doors and press **Manual Start Button** to turn on UV lamps.
   c. Auto/Manual modes can be reselected even when the UV lamps are on. The UV lamps will turn off and reset as the new selected mode.

   [Notes]
   - Two sensors are installed at front doors. When the front doors are open, the UV lamps will automatically turn off to protect the user's eyes/skin. There are no sensors installed at rear doors, therefore **DO NOT** open rear doors when UV lamps are on.
   - **Manual Start Button** is only for turning on the UV lamps. Pressing the button again will not turn off the UV lamps.

2. **UV Light LED Indictor**
   a. **Orange**: Front doors are open.
   b. **Green**: Front doors are closed.
   c. **Blue**: UV lamps are on.
   d. **Red**: Hardware is abnormal. Contact our technical support at support.usa@aver.com .

3. Use the **Time Slide Switch** to select the sanitizing duration: 3, 6, 9 or 12 minutes.
   [Note] The sanitizing duration can be reselected even when the UV lamps are on. The UV lamps will turn off and reset as the new selected duration.

LED Indicators

LED	Status
Power x1	**Solid Green:** ON **Flashing Green / Orange / Red:** Abnormal situation (please check below table for details)
Device Status x2	**All Off:** Power draw is less than 1A or all devices are fully charged **Off:** No Charging **Solid Blue:** Charging

X18iS

POWER ○

1 ~ 12

13 ~ 24

AC 100-120V, TOTAL 12A MAX

LED	Status	Description
Power	**Flashing Green and Orange:** Power Overload (AUX is turned off and charging is still available)	**Situation:** The total power draw of auxiliary outlet and charging zone caused power overloaded. **Solution:** Power off, remove anything connected to auxiliary outlets and power back on.
	Flashing Orange: Power Overload	**Situation:** Power draw of auxiliary outlet or one of charging zone caused power overloaded. **Solution:** Check whether there is any high power device such as heater, etc., connected to auxiliary outlet or charging zone.
	Solid Orange: Short Protection	**Solution:** Please check devices which connected to auxiliary outlet and charging zone for it might have problems.
	Flashing Red: Abnormal Failure	**Solution:** Contact Technical Support (support.usa@aver.com)

Troubleshooting

Q: Why are all of my devices plugged in but not charging?

A: 1. Make sure power cords are undamaged.
   2. Make sure power cords are firmly inserted into the available socket with stable current.
   3. Make sure the power plug and current consumption are compliant with your country specification standards.
   4. Make sure the cart is plugged into a dedicated wall outlet (not shared with other electronics such as a printer)
   5. Make sure the main power switch of the cart as well as the individual power switches on each power strip are set to the ON or RESET position.
   6. Remove any electronics plugged into auxiliary and power cycle the cart.

Q: My cart's main power cord or cart components are damaged. Are they covered under warranty?

A: It will be covered if within warranty period and our warranty policy is 10 year warranty on the cart and 5 years warranty on the electrical components. UV lamps are not included in warranty program.

Q: How do I know if my devices will exceed more than the allotted current?

A: Have a qualified electrician verify the current consumption of your devices. Perform the test with devices installed and batteries discharged.

Q: When I plug in the device it trips the circuit breaker. What is wrong?

A: You may have other equipment or appliances sharing the same circuit that is causing a circuit overload. Have a qualified electrician check that adequate power is available in the circuit.

Q: How to change the UV lamps when they are broken?

A: You may refer to UV Lamp Installation in this manual or scan the QR code label inside the front door to link to the installation video.

Specifications

Model	X18iS
Capacity	18 (three shelves, 6 bays per shelf)
Supported Devices	Mobile devices up to 15"
AUX Outlets	2
LEDs Status Indicators	Power LED: Red/Green Status LED (x2): Solid Blue: Charging
Charging Type	AC Adaptive Intelligent Charging
Power Specification	AC IN: 100-120V ~ 50/60Hz, 12A Power Strip: 100-120V ~ 50/60Hz, 12A Outlet: 100-120V ~ 50/60Hz, 12A
Security	Front Doors/Rear Doors: 3-point locking mechanism with key/padlock combo **[Note]** Padlock is not included in the package.
Casters	Four 5" casters ➢ Two are lockable. ➢ Two are direction lockable.
Intelligent Charging	Yes
Work Platform Loading	20kg (44.09lbs.)
Shelf Loading (ea.)	32.7kg (72lbs.)
Adapter Shelves Loading (ea.)	3kg (6.6lbs.)
Working Temperature	0°C ~30°C
Working RH%	10%~90%
Storage Temperature	-40°C~60°C
Storage RH%	5%~95%
Warranty	10 years cart and tray 5 years electrical components UV lamps are not included in warranty program.
Cart Dimensions (W x D x H)	687 x 638 x 1070mm (27.05" x 25.12" x 42.13")

Model	X18iS
Slot Dimensions (W x D x H)	75 x 400 x 267mm (2.95" x 15.75" x 10.51")
Weight without Devices	66.3kg (146.17lbs.) $\pm$ 2kg (4.41lbs)

Service and Warranty

All of our products come with a quality and safety assurance.
For customers located in North America, please visit the AVer USA support site for comprehensive RMA, Warranty, and Service information:
https://averusa.com/classroom-technology/support/

For customers located outside North America, please visit AVer Global support site:
https://www.aver.com/

Appendix – Earthing

[Caution]
High touch current, Connect to earth before connecting to supply.
(Yellow/Green wire min. 14AWG)
[Note]
Installation of the protective earthing connection of the socket-outlet by a skilled person.

[Attention]
Contact à courant élevé,
Reliez l'appareil à la terre avant de la connexion à l'alimentation en courant.
(Câble jaune/vert min. 14AWG)
[Remarque]
L'installation du branchement de mise à la terre sécurisée d'une prise de courant par un professionnel qualifié.