

# Teladoc® HEALTH

Lite® 5
USER GUIDE



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## Copyrights

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We will strictly enforce all of our rights.

## Patent(s)

https://teladochealth.com/patents/

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Last updated: Oct 2025



## Safety Instructions

Users of the system require clinical judgment and experience to review and interpret the patient data transmitted.

## Notes, Cautions, and Warnings

The types of safety instructions are:

#### NOTE

Supplementary information to facilitate the operation of the system.

#### CAUTION

Instructions for avoiding damage to the system.

#### WARNING

Information may prove hazardous to the safety of a person near the Teladoc Health Patient Access device.

## Safety Symbols

Symbols appearing on the Patient Access device and other equipment are defined in the table below.



#### Wireless Transmitter Notification

non-ionizing electromagnetic radiation. This device communicates over 802.11 ac/a/b/g/n standard for wireless communication.



#### **Pinch Point**

Avoid the labeled pinch point on the rear of the display of your device.



#### **Body Float**

Type B. Equipment of Type B provides a particular degree of protection against electric shock, particularly regarding allowable leakage current and reliability of the protective earth connection (grounding).



#### **FCC**



The FCC mark is a voluntary mark employed on electronic products manufactured or sold in the United States which indicates that the electromagnetic radiation from the device is below the limits specified by the Federal Communications Commission and the manufacturer has allowed the requirements of the Supplier's Declaration of Conformity authorization procedures.



#### Manufacturer

This symbol shall be accompanied by the name and address of the manufacturer.



#### **Consult Operator's Manual**

Operating instructions are contained in a separate instruction manual.



#### Do not push or lean

Do not push or lean on cart.



#### **CE Label**

On commercial products, the letters CE mean that the manufacturer or importer affirms the good's conformity with European health, safety, and environmental protection standards.

Proposition 65: State of California: The law requires California to publish a list of chemicals known to cause cancer or reproductive toxicity, and for businesses with 10 or more employees to provide warnings when they knowingly and intentionally cause significant exposures to listed chemicals.



**WARNING:** This product can expose you to chemicals including Diisononyl Phthalate, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

#### WARNING

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device. MODIFICATION: Tout changement ou toute modification non expressément approuvé par le bénéficiaire de cet appareil peut annuler l'autorisation de l'utilisateur à faire fonctionner l'appareil



## Definition of "Device"

Use of the word "device(s)" in this User Guide refers to Teladoc Health telehealth products, not medical devices as defined in Section 201(h) of the Federal Food, Drug, and Cosmetic (FD&C) Act.

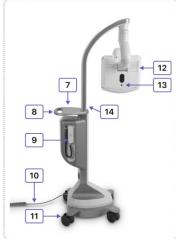
## **Intended Application**

The Teladoc Health Lite 5 is intended to provide high quality HIPAA compliant audio and video sessions between a remote care provider and bedside over the Teladoc health Telehealth Network. Teladoc Health Lite 5 is intended to be used in professional healthcare facilities, primarily in the Emergency Department (ED) environment.



## **Anatomy and Components**







1	Touchscreen Display	Enables local controls for Device software and interaction with Virtual Consult care team.
2	Speakers	Output the device audio and voices of remote care team during virtual consult session.
3	Directional Microphone	Captures the voice from the person who is speaking
4	High-Definition Camera	Captures device side video for viewing on the Provider Access Software.
5	Battery Meter	Displays the power and charging status of Lite 5.
6	Expansion Panel	Includes ports for approved USB peripheral devices, HDMI output, optional HDMI input, and Ethernet.
7	Tray	Work surface for a laptop or other items.
8	Handle	Easily maneuver the Lite 5.
9	Privacy Handset	Used for private conversations between device side users in



		semi-private areas and remote care teams.
10	Power Cord	Used to power the Lite 5 and recharge the battery.
11	Wheel Locks	Lock each wheel in place when stationary (four wheels).
12	Air Vents	Air vents help maintain a safe operating temperature for the device (Do not cover).
13	Power Button	Used to toggle the power for the Lite 5.
14	Adjustable Column	Adjust height of the integrated head module with camera, audio system, and touchscreen display.
15	Serial Number Plate	Contains the device's serial number and support contact phone number.
16	Storage Compartment	Holds small items that need to stay with the cart.
17	Device Nameplate	Nameplate detailing the device's serial number and regulatory information.



## Installation

## Unpacking and Charging

#### WARNING

Plug the Lite 5 into a grounded "Hospital Grade" electrical outlet to minimize the risk of electrical shock.

- 1. Carefully remove the Lite 5 from its packaging, take care not to cause damage.
- 2. Plug the Lite 5 into a grounded "Hospital Grade" AC outlet, allow the device to automatically power on, and charge for 3 hours to reach a full charge.

## Power Cycle Sequence



#### Power On

If the device is powered off, power on the device by pressing the power button located on the back of the head module.

#### Power Off

- 1. Press and release the power button once on the back of the head.
- 2. Disconnect the power cord from AC wall outlet.



## Wi-Fi Connection Setup

#### NOTE

Advanced Wi-Fi setup should be done only by a trained technician.

After the device software has fully initialized, basic Wireless Network setup can be done by navigating "About this device > Settings > Wi-Fi > Select the SSID".



## **Network Configuration**

#### NOTES

For the best performance from the device in terms of Device Optimization and connection success, utilize the information found in these two documents:

- MB-15513 Network Configuration for Teladoc Health Devices
- MB-14011 Teladoc Health Telehealth Network Specifications

 ${\tt Contact\,your\,Teladoc\,Health\,representative\,for\,copies\,of\,these\,documents.}$ 

Virtual care can be delivered to patients by using the Teladoc Patient Access Device and at least one Solo Provider account, which are linked via the Internet over a secure connection.



## **Features**

## Touchscreen Display

The Lite 5 is equipped with a touchscreen that enables local controls and shows remote care provider(s).

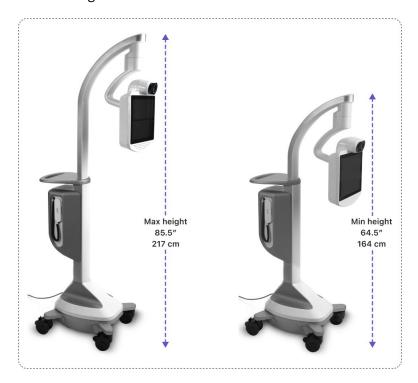
Many interactive features are available on the Lite 5.

- Personalizing the patient side user experience.
- Check device status.
- · Manage settings.



## Height Adjustment

Using the Adjustable Column, the Lite 5 head can be placed between 64.5" (164 cm) and 85.5" (217 cm) off the floor by raising or lowering the head up or down to the desired height.





## Moving the Device

The Lite 5 is designed to be moved by hospital staff within a broad array of environments such as clinics, emergency rooms, rural hospitals, long-term care communities and more.

#### Prior to moving the Lite 5:

- Ensure the Lite is set at its lowest position.
- Ensure any auxiliary devices attached to the Lite 5 are unplugged.
- Ensure the power cord is unplugged and hung on the Lite 5 's handle.
- Ensure the wheels are unlocked.

#### Moving the Lite 5:

- Exercise caution when encountering thresholds, door frames, and other obstacles.
- Move to the desired location.

#### Position the Lite 5:

- Lock the wheels after the device is stationary in the desired location and orientation.
- Plug in the power cord.

#### NOTE

When positioning maintenance equipment (ME) near the disconnection device, ensure ample clearance is maintained to allow for easy access and operation of the device. Do not place ME in a way that obstructs or hinders the ability to safely disconnect power.

## Power and Battery

#### NOTE

Teladoc Health recommends keeping the Lite 5 plugged in at all times into a grounded "Hospital Grade" electrical outlet to minimize the risk of electrical shock during the battery charging cycle and it is ready for use.

#### WARNINGS

- If the power plug of the Lite is damaged, the Lite can be operated using the onboard battery system. Report this condition to Technical Service immediately for repair.
- The Lite contains a sealed, rechargeable, Lithium Iron Phosphate battery. The Lite 5 should always be plugged in to allow for maximum run time when in use.



### **Battery Meter**



The battery charge indicator is located on the Lite 5 on the side of the storage compartment.

### Battery charge indicator

Another battery charge indicator is in the upper right-hand corner of the display and includes the percentage of the battery's charge.



- Fully charged = 100%
- A lightning bolt indicates the battery is charging.

### Device Running on Battery

The battery indicator will inform the remaining percentage of battery life whenever the Lite 5 is plugged in or turned on.

If the battery charge drops below the threshold, the sound-byte "Please plug me in" will be played at intervals until the Lite 5 is plugged into a grounded AC power. After plugging in the device, the sound bite "thank you" will be played.

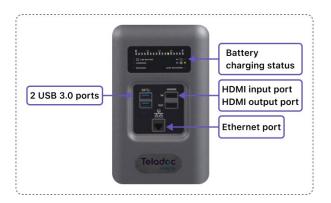
The system will charge to 100% within three hours.



## **Expansion Panel**

The expansion panel includes:

- 2 USB 3.0 ports
- 1 HDMI input port (Optional)
- 1 HDMI output port\*
- 1 Ethernet port
- \* HDMI output port can be used to mirror (duplicate) the Lite 5's main display on an external monitor or display.



#### NOTE

If you wish to view streaming video from external inputs in 720p HD quality, ask Technical Support to configure the bandwidth settings on your account. If you wish to install HDMI input after obtaining a Lite 5, contact your Sales Representative.

#### WARNINGS

- Color reproduction in the transmitted video is not guaranteed. Color reproduction in a video system is a complicated combination of lighting, cameras, and display technology. It should not be assumed that the colors on the display are an exact replication of the actual colors in the scene.
- Clinical judgment and experience are required to review and interpret images and information transmitted via the Lite and Provider Access Software.

#### CAUTION

- Adding third party software or hardware to the Lite 5 may cause it to malfunction or operate erratically; excluding those devices designed for connection through existing hardware ports. Teladoc Health does not support the addition of third-party software or hardware to the Lite 5. Please check with Technical Service PRIOR to installing any third-party devices.
- Do not leave video equipment connected to the Auxiliary Video Input while moving the device. The equipment or the Patient Access Device may be damaged if the Patient Access Device is moved with equipment connected to the Input.

## Storage Compartment

The storage compartment is used for storing small handheld peripherals and accessories that need to stay with the Lite 5. It can be accessed and closed by



pressing the door until it clicks. When closed, the door panel should be flush with the compartment so that the compartment is inconspicuous.

## Privacy Handset

The Privacy Handset is for use in conversations that require privacy or understandability in a loud environment.

When the Privacy Handset is removed from the dock, audio can be transferred from the main audio system to the handset. This transfer can be done either by the remote provider using Provider Access Software during the virtual consult session or by the local user toggling a button on the touchscreen.

When the Privacy Handset is disabled and placed back on the dock, the audio system is transferred back to the standard Patient Access Device audio system.

#### NOTE

It is important to return the Privacy Handset to the dock on the Lite 5.





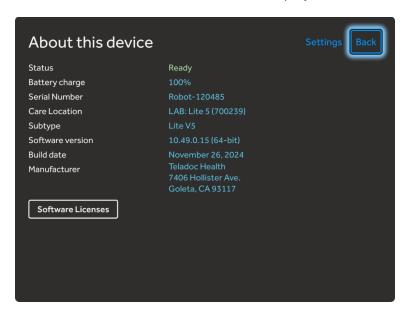
## Navigating the Touchscreen Interface

#### Idle screen



#### About this device

Select the icon on the idle screen to display the About this device page.



Select the Software Licenses button to display the Software Licenses Information for the Lite 5.



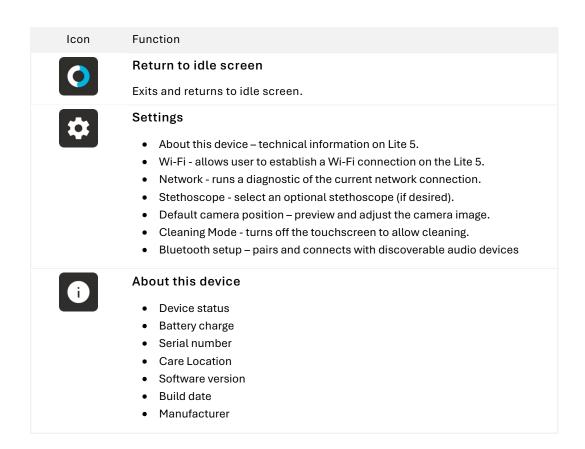


## Settings Menu

When the Lite 5 is not actively connected to the Provider Access Software, it is considered out of session, and an animation will be displayed.

#### NOTE

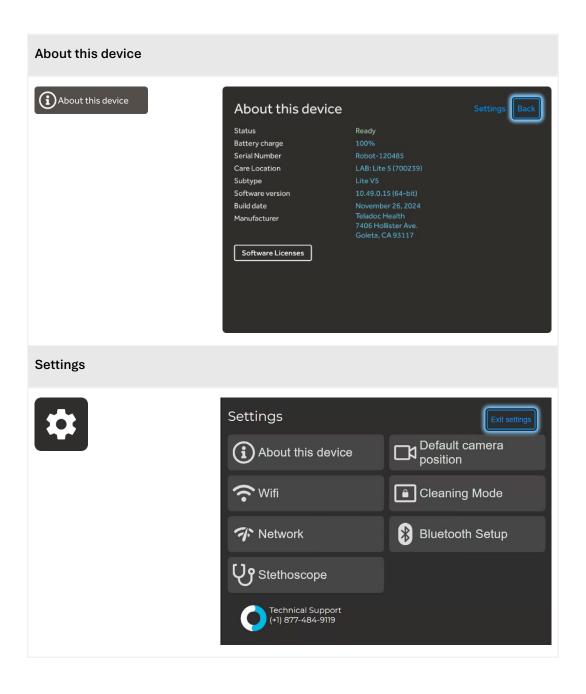
Screensavers chosen by the customer may optionally be shown by consulting with your Teladoc Health representative or Technical Support.



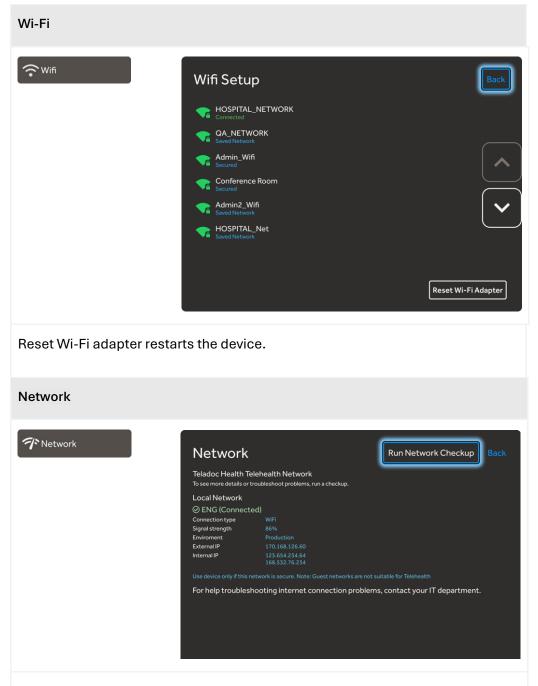


## **Settings Functions**

To access "Settings", tap the "Idle screen > About this device > Settings button".







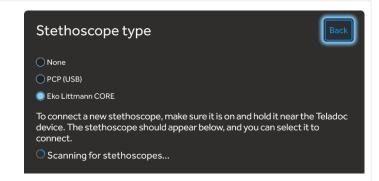
Run Network Checkup runs and displays the results of a test of the device's current network connection after 30 seconds.

- The checkup will automatically run when the screen opens.
- A green checkmark appears for each item that passes the test.
- An orange checkmark appears for any failed item with contact information on how to resolve any issues.



#### Stethoscope Setup





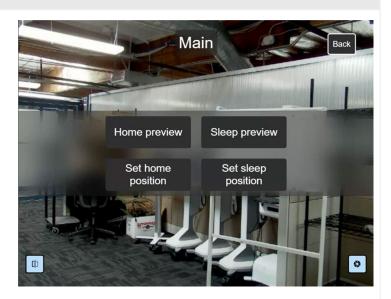
The Stethoscope Setup settings screen allows the user to select the optional third-party stethoscope during a virtual encounter.

The Lite 5 does not have integrated stethoscopes. However, it does support PCP-USB and 3M Littmann Core stethoscopes.

Instructions on pairing a Bluetooth stethoscope with the Lite 5 device are included in the stethoscope manual if a stethoscope is purchased separately.

#### Default camera position





The Default camera position screen allows the user to preview the Lite 5 camera and any other optional video peripherals.



Select the Camera Shutter button to setup and view the home and sleep positions of the Lite 5 head module.

#### NOTE

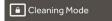
The available cameras depend on what is connected to the Lite 5. If no additional cameras or devices are connected, no buttons are displayed to select between cameras.

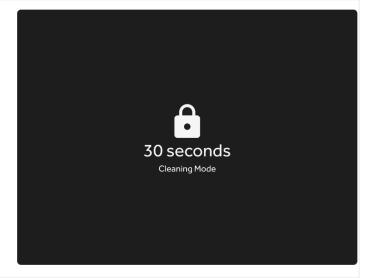
Home position is the initial Lite 5 camera position when virtual consult session starts, and privacy mode is turned off.

Sleep position is the Lite 5 camera position when device is out of session in privacy mode.

Privacy mode is a provisioned setting. When enabled, it allows the virtual consult session to start with audio only so the remote provider can get verbal consent from the patient before streaming patient video. This mode respects patient privacy by ensuring patient actively gives consent to a video call before the provider sees the patient.

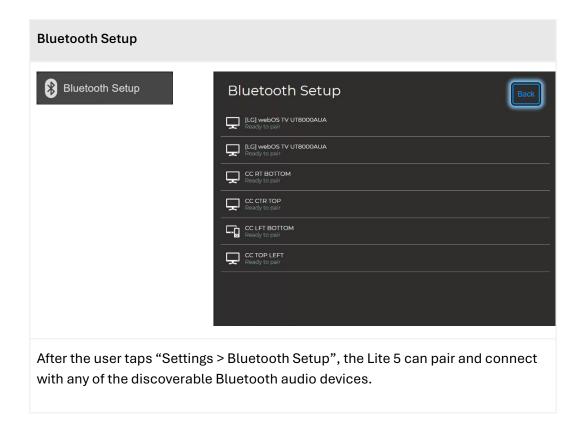
#### **Device Cleaning Mode**





When the user taps "Settings > Cleaning mode", the Lite 5 screen will lock for 30 seconds during cleaning. See the "Cleaning and Maintenance" section for more details.

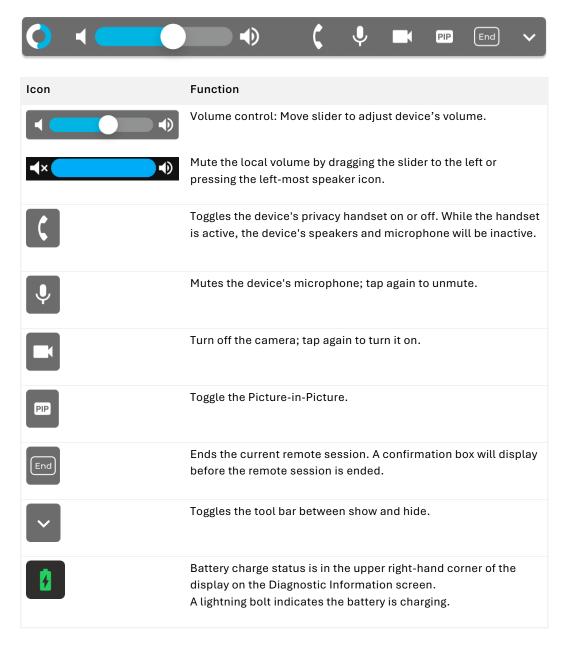






### In Session Audio and Video

When a Virtual Care session is in progress, a toolbar like the one below is displayed.

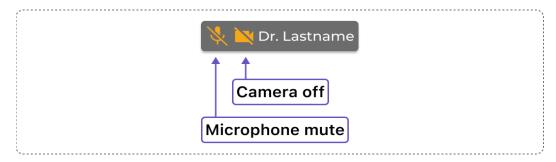




#### Device Audio and Video Mute

The video can be paused by either the remote specialist or on the patient-side device.

#### **Practitioner Mute Icons**



#### **Device Mute Icons**



### Activating the Privacy Handset

Select the cicon from the device's screen to activate the Privacy Handset.

- The icon shape changes and the color becomes yellow .
- Activating the Privacy Handset deactivates the Lite 5's main speakers and microphone.

#### NOTE

The remote provider can deactivate the Privacy Handset and reactivate the Lite 5's main speakers and microphone from their Provider Access Software.

## Deactivating the Privacy Handset

Select the licon from the device's screen to deactivate the Privacy Handset.

- The icon shape changes and the color becomes white **C**.
- The Lite 5's main speakers and microphone will again be active.



#### NOTE

The remote provider can activate the Privacy Handset and deactivate the Lite 5's main speakers and microphone from their Provider Access Software.

## Error Messages

These text messages may appear in the lower right of the Lite 5's Display.

Message	Explanation	Action
"Internet connection failure."  "Internet connection slow."	Very high round-trip latency at Provider Access or Patient Access Device. Possible cause: poor internal network conditions, low Quality of Service Internet connection or excessive bandwidth usage.	These error messages represent non-optimal Internet connection conditions. They may happen periodically on many networks under normal conditions.  However, if they persist, contact the hospital's IT department.
"Internet failure: Severe loss."	Packets lost. May see jumpy video with lower frame rates at Provider Access or Patient Access Device. Possible cause: poor internal network conditions, low Quality of Service Internet connection or excessive bandwidth usage.	
"Internet failure: Severe loss remotely."	A problem was detected on the reverse side (i.e., at Provider Access). These messages are shown if a problem is only being detected in one direction.	
"Internet failure: Audio lost."	Packets containing audio data are lost, therefore the user may notice loss of audio at Provider Access or Patient Access Device. Possible cause: poor internal network conditions or low Quality of Service Internet connection or excessive bandwidth usage.	
"Internet failure: Audio lost remotely."	A problem was detected on the reverse side (i.e., at Provider Access). These messages are shown if a problem is only being detected in one direction.	



## Cleaning and Maintenance

## **Device Cleaning**

#### **Approved Cleaners**

The following disinfectants have been tested for compatibility with Teladoc Health devices:

- PDI Bleach Wipes
- OxyCide
- Ethyl Alcohol
- Isopropyl Alcohol
- Sodium Hypochlorite (5.25%-6.15% household bleach diluted 1:500 provides
   >100 ppm available chlorine)
- Iodophor Germicidal Detergent Solution (follow product label for use dilution)
- Quaternary Ammonium Germicidal Detergent Solution (follow product label for use dilution)

#### WARNINGS

- Do not attempt to open or remove any parts of the Lite.
- Do not remove any covers to reduce the risk of electric shock. There are no user serviceable components inside.
- Wear safety glasses when handling solution prior to dilution.
- Wear rubber or nitrile gloves if in contact with liquid.
- Avoid contact with eyes, skin and clothing.
- Wash hands after cleaning device.
- Do not wear product-contaminated clothing for prolonged periods.
- Always follow manufacturer's instructions on product labels when mixing chemicals.
- Ensure a power cord is connected to the AC wall outlet with protective earthing connection.

#### CAUTIONS

- Do not use phenolic germicidal detergent solutions on any parts of the device.
- Contact Teladoc Health Technical Support for approved cleaning solutions.
- Severe contamination may require some disassembly, and this should only be done by a Teladoc Health representative.
- Do not immerse the device.
- Do not allow any cleaning solution inside the device.
- Keep the device from moisture and extreme temperatures.



• Avoid excess solution that could enter the device through its openings.

### Pre-cleaning

- · Wear gloves.
- On the touchscreen, navigate to Settings and press Cleaning Mode to lock the display for 30 seconds during cleaning.

#### **Cleaning Instructions**

Clean the outer surfaces of the device when visibly soiled or after contact with any contaminates. All surfaces, such as display monitors or sensor windows, may be disinfected using the following procedure. Use a commercial LCD screen cleaner to prevent craze, staining or discoloration of the display monitors and use optical lens cleaners to clean the camera lenses.

#### NOTE

For devices with touch screens, go to Settings > Cleaning Mode, to temporarily disable the touch interface for 30 seconds to enable cleaning.

- 1. Soak a lint-free cloth in a hospital-grade disinfectant solution of sodium hypochlorite 6.15%, e.g., dilution 1:500 (1/4 oz. per gallon water) and wring out the cloth so that drips do not appear when wiping surfaces.
- 2. Wipe surfaces that have become soiled or contaminated. Avoid applying excess solution, which may enter the device through its openings.
- 3. Allow to air dry.

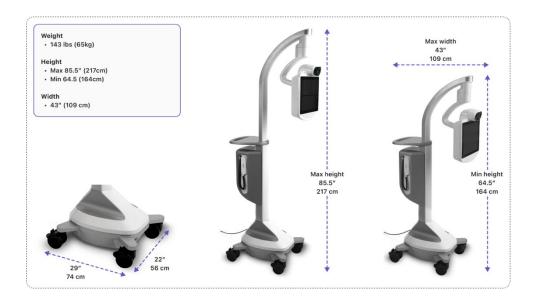
## Maintenance and Inspection

#### Lite 5 Maintenance

The Lite 5 contains no user serviceable parts and requires no maintenance. For further information regarding preventive maintenance, maintenance or assistance with troubleshooting, customers should contact Teladoc Health Technical Assistance Center at +1 (877) 484-9119.



## **Technical Specifications**



Weight	143 lbs (65 kg)
Height	Min: 64,5" (164 cm) Max: 85,5" (217 cm)
Camera Height	Min: 53.5" (136 cm) Max: 72" (183 cm)
Width	43" (109 cm)
Power Cord Length	Min: 5.3" coiled (161 cm)  Max: 16.6" fully extended (505 cm)
Head	Pan range: +/- 155° Tilt range: +27° / -65° max
Audio	Directional Microphone Linear Array Microphone Speaker: 20W full-range speaker
Video	Pan-Tilt-Zoom Camera: High Definition (HD), 20x Optical + 3.5x Digital Zoom, 30 fps, 1080p Display: 15" LCD, 1024x768 px, 500 nit, projected- capacitive touchscreen
Network	Wi-Fi 802.11 ac/a/b/g/n Bluetooth 5.3 Gigabit Ethernet
Battery Life	6 hours (depending on use)
Charging Time	3 hours to 100% charge



## System Input Power

US and International	
Voltage	100-240 VAC
Frequency	50/60 Hz
Current	6.5 Amps

### IEC 60601-1 Classification

Lite 5 - Class I, Type B, Continuous Operation

## **Environmental Specifications**

## Operating

Designed to operate in an indoor environment suitable for human personnel. (10 $^{\circ}$  to 35 $^{\circ}$  C, 30 to 75 $^{\circ}$  RH, 700 hPa to 1,065 hPa).

### Non-operating

Designed to travel to installations in commercial and cargo airliners and standard ground transportation. (0° to +50° C, 10 to 95% RH, 700 hPa to 1,065 hPa).

## Storage

Designed to store in 0° to +50° C, 10 to 95% RH, 700 hPa to 1,065 hPa.

## Electrical Equipment Test Standards

Standard category	Standard field	Certifica te	Detail standards
IT Equipment ( ITE)	EMC/RF	FCC	FCC Part 15.107/ICES-003, Class A FCC Part 15.109/ICES-003, Class A FCC 47CFR Part 15 Subpart B:2025-01
ITE	EMC/RF	IC	CAN ICES-003(A)/NMB-003(A) Issue 7 (2020-10)



Medical Electrical Equipment ( MEE)	Safety	IEC	AAMI ES60601-1:2005 + A1 CSA C22.2#60601-1:2014 Ed. 3 IEC 60601-1-6:2010 Ed.3 +A1
MEE	Safety	СВ	IEC 60601-1:2005, AMD1:2012
MEE	EMC/RF	СВ	IEC 60601-1-2:2014/AMD1:2020
MEE	Usability	СВ	IEC 60601-1-6:2010, AMD1:2013 for use in conjunction with IEC 62366:2007, AMD1:2014 and IEC 60601-1:2005, COR1:2006, COR2:2007, AMD1:2012
Radio Equipment (RE)	EMC/RF	CE RED	ETSI EN 301 489-1 v2.2.3:2019 ETSI EN 301 489-17 v3.2.4:2020

#### **FCC**

#### WARNINGS

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 their own expense.

Cet équipement a été mis à l'essai et déclaré conforme aux limites d'un appareil numérique de classe A, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles lorsque l'équipement est utilisé dans un environnement commercial. Cet équipement génère, utilise et peut émettre des fréquences radio et, s'il n'est pas installé et utilisé conformément au manuel d'instructions, peut causer des interférences nuisibles aux communications radio. L'utilisation de cet appareil dans une zone résidentielle est susceptible de provoquer des effets nocifs sur la santé. dans lequel cas l'utilisateur devra corriger l'interférence à ses propres frais.

The device supports the 5 GHz U-NII 1 frequency band, which is 5.150 to 5.250 GHz. It will be restricted for use in the indoor environment only.

L'appareil prend en charge la bande de fréquence U-NII 1 de 5 GHz, qui va de 5,150 à 5,250 GHz. Son utilisation sera limitée à l'intérieur des bâtiments.



Telehealth Communications system should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Le système de communication pour la télésanté doit être installé et utilisé en respectant une distance minimale de 20 cm entre le radiateur et votre corps.

The 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.

L'appareil est conforme à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

MODIFICATION: Tout changement ou toute modification non expressément approuvé par le bénéficiaire de cet appareil peut annuler l'autorisation de l'utilisateur à faire fonctionner l'appareil.

### IC

#### WARNINGS

#### **English Version**

The device supports 5GHz U-NII 1 frequency band, which is 5.150 to 5.250 GHz. It will be restricted for indoor use only.

Telehealth Communications System complies with IC radiation exposure limits set forth for a controlled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.

#### Version française

L'appareil prend en charge la bande de fréquences 5 GHz U-NII 1, qui est de 5 150 à 5 250 GHz. Il ne sera utilisé qu'à l'intérieur.

Telehealth Communications System est conforme aux limites d exposition aux



rayonnements de la IC établies pour un environnement non contrôlé. Cet équipement doit être installé et fonctionner à au moins 20 cm de distance du radiateur ou de votre corps.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. Le fonctionnement est autorisé selon les deux conditions suivantes:

- 1. L'appareil ne doit pas produire d'interférences.
- 2. L'appareil doit accepter toute interférence radioélectrique subie, même si



## **Electromagnetic Compatibility**

#### Guidance and Manufacturer's Declaration

The Lite 5 system complies with IEC 60601-1-2 4th edition, General Requirements for Safety — Collateral standard: Electromagnetic compatibility. Performance of the device is unaffected by exposure to the compliance levels described in Tables 1, 2, 3 and 4 in the following section.

Special precautions and installation information for the Lite 5 for electromagnetic compatibility (EMC) are provided below:

- Equipment in hospital environments, including the Lite 5 and other portable
  or mobile communications equipment, can produce Electromagnetic
  Interference (EMI), that may affect the function of these devices. Such
  effects are prevented by use of equipment with EMI characteristics proven
  below recognized limits, as identified in the tables below.
- In the event of suspected interference from other equipment, which prevents the proper functioning of the Lite 5, contact Teladoc Health and discontinue use of the system until the problem can be remedied.

The following tables contain the Manufacturer's declaration and additional information required by IEC 60601-1-2.

IEC 60601-1-2:2014/AMD1:2020 ME EQUIPMENT and ME SYSTEMS identification, marking and documents for Class A product

The ME EQUIPMENT or ME SYSTEM is suitable for professional healthcare facility.

#### WARNINGS

Don't install near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

N'installez pas l'appareil à proximité d'équipements chirurgicaux HF actifs et de la salle blindée RF d'un système ME pour l'imagerie par résonance.

Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.



L'utilisation de cet appareil à côté ou empilé avec d'autres appareils doit être évitée car elle pourrait entraîner un mauvais fonctionnement. Si une telle utilisation est nécessaire, cet équipement et les autres équipements doivent être observés pour vérifier qu'ils fonctionnent normalement.

Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

L'utilisation de cet équipement à côté ou combiné avec d'autres équipements doit être évitée, car cela pourrait entraîner un mauvais fonctionnement. Si une telle utilisation est nécessaire, cet équipement et les autres équipements doivent être observés afin de vérifier qu'ils fonctionnent normalement.

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the audio/video communication system (Lite 5), including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Les équipements de communication RF portables (y compris les périphériques tels que les câbles d'antenne et les antennes externes) ne doivent pas être utilisés à moins de 30 cm de toute partie du système de communication audio/vidéo (Lite 5), y compris les câbles spécifiés par le fabricant. Dans le cas contraire, les performances de l'appareil pourraient se dégrader.

To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

Pour éviter tout risque d'électrocution, cet équipement ne doit être branché qu'à une alimentation



## Table 1: Electromagnetic Emissions

- All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the excepted service life.
- 2. Guidance and manufacturer's declaration -electromagnetic emissions and Immunity.

Lite 5 is intended for use in the electromagnetic environment specified below. The customer or the user of the Lite 5 should assure that it is used in such an environment.

Emissions Test	Compliance
RF Emissions CISPR 11	Group 1
RF Emissions CISPR 11	Class A
Harmonic Emissions IEC 61000-3-2	Class A
Voltage Fluctuations / Flicker Emissions IEC 61000-3-3	Complies

## Table 2: Electromagnetic Immunity

The Lite 5 system is intended for use in the electromagnetic environment specified below. The customer or the user of the Lite 5 should assure that it is used in such an environment.

#### CAUTIONS

An Electro Static Discharge (ESD) event may cause the system to lose functionality for a short amount of time. If the event does not recover automatically, power cycle the device.

Immunity Test	IEC 60601-1-2 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.



Electrical Fast Transient / Burst IEC 61000-4-4	Power supply lines: ±2 kV 100 kHz repetition frequency	Power supply lines: ±2 kV 100 kHz repetition frequency	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	line(s) to line(s):±1 kV.	line(s) to line(s):±1 kV.	Mains power quality should be that of a typical commercial or hospital environment.
Voltage Dips, Short	0% 0.5 cycle At 0°, 45°, 90°, 135°,	0% 0.5 cycle At 0°, 45°, 90°,	Mains power quality should be that of a
Interruptions, and Voltage	180 °, 225 °, 270 ° and 315 °	135°, 180°, 225°, 270° and 315°	typical commercial or hospital environment.
Variations on Power Supply	0% 1 cycle	0% 1 cycle	If the user of the device requires continued
Input Lines IEC 61000-4-11	And	And	operation during power mains interruptions, it
	70% 25/30 cycles	70% 25/30 cycles	is recommended that the Lite 5 be powered
	Single phase: at 0	Single phase: at 0	from an uninterruptible power supply (UPS) or
	0% 300 cycle	0% 300 cycle	a battery.
Power frequency	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz	Power frequency magnetic fields should
Magnetic Field IEC 61000-4-8			be at levels characteristic of a typical location in a
			typical tocation in a typical commercial or hospital environment.

Immunity Test	IEC 60601-1-2 Test Level	Compliance Level	Electromagnetic Environment - Guidance		
Conduced RF IEC61000-4-6	150KHz to 80MHz: 3Vrms 6Vrms (ISM bands between) 80% Am at 1kHz	150KHz to 80MHz: 3Vrms 6Vrms (ISM bands between) 80% Am at 1kHz	Portable and mobile RF communications equipment should be used no closer to any part of the TV Pro 300 Cart, including cables, than the recommended separation distancial calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance:		
Radiated RF IEC61000-4-3	3 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	3 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	d= 1.2  Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey <sup>a</sup> , should be less than the compliance level in each frequency range <sup>b</sup> .  Interference may occur in the vicinity of equipment marked with the following symbol:		
Proximity magnetic fields IEC 61000-4-39	30 kHz: 8A/m 134.2 kHz: 65A/m 13.56 MHz: 7.5A/m	Not application Or 30 kHz: 8A/m 134.2 kHz: 65A/m 13.56 MHz: 7.5A/m			



# Table 3: Electromagnetic Immunity - Enclosure Port Immunity

Lite 5 is intended for use in the electromagnetic environment specified below. The customer or the user of a Lite 5 should assure that it is used in such an environment.

Guidance and ma	nufacture	r's dec	claration – e	lectromagn	etic Immu	inity		
	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Maximum Power (W)	Distance (m)	IEC 60601- 1- 2 Test level (V/m)	Complian ce level (V/m)
	385	380 – 390	TETRA 400	Pulse modulation 18 Hz	1,8	0.3	27	27
	450	430– 470	GMRS 460, FRS 460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28	28
Radiated RF	710	704	LTE Band 13, 17	Pulse modulation 217 Hz	0,2	0.3	9	9
IEC61000-4-3	745	704- 787						
(Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	780							
	810	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	18 Hz	2	0.3	28	28
	870							
	930							
	1720	1700 - 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28
	1845							
	1970							
	2450	2400 - 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28	28
	5240 5500	5100 - 5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0,2	0.3	9	9
	5785							



## Table 4: Recommended separation distances

Recommended separation distances between portable and mobile RF communications equipment and the Lite 5.

The Lite 5 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Lite 5 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Lite 5 as recommended below, according to the maximum output power of the communications equipment.

Test frequency	Modulation	Immunity Test Level (A/m)	
30 kHz	CW	8	
	Pulse modulation a		
134,2 kHz	2,1 kHz	65 b	
	Pulse modulation a		
13,56 MHz	50 kHz	7,5 b	

a) The carrier shall be modulated using a 50% duty cycle square wave signal.

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

#### NOTE

At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

b) r.m.s., before modulation is applied.



## **Contact Information**

24/7 Live Technical Support

1-877-484-9119

**Email Support** 

tac@teladochealth.com

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