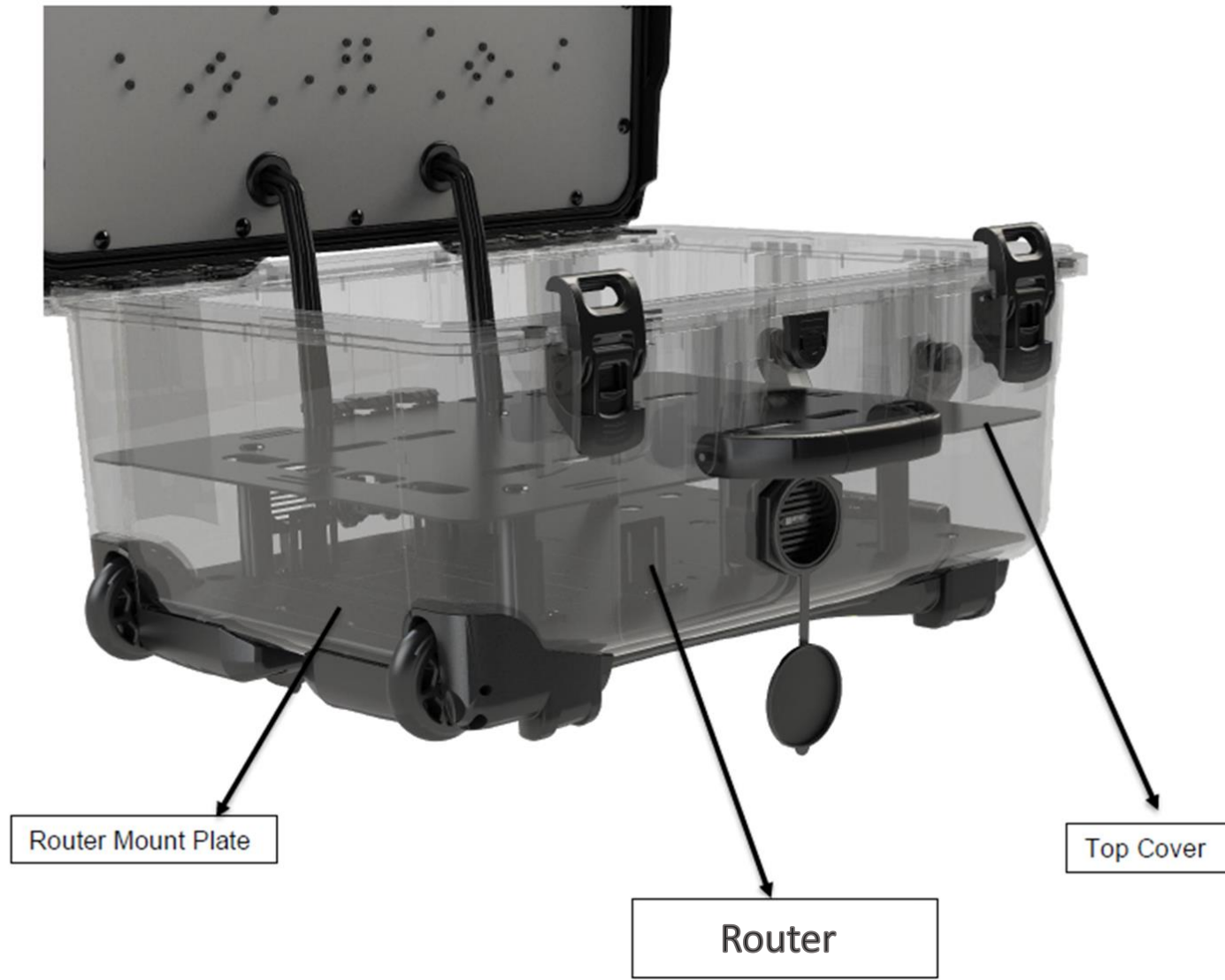GLOBALLY DEPLOYABLE
MOBILE UNIT
and GEMINI SESSION
USER GUIDE

STANDARD GLOBALLY DEPLOYABLE MOBILE UNIT (MU) CONTENT

A — Ethernet Wire

B — Voltage Converter (for use outside of the US)

C — Google Glass

D — Surface Pro Computer

E — Plug for Surface Pro Computer

F — USB-to-USB Cord & HDMI-to-USB Converter

G — Bluetooth Speaker

H — Bluetooth Earpiece

I — DVD-I to HDMI cord

J — Mobile Unit Power Source (Battery)
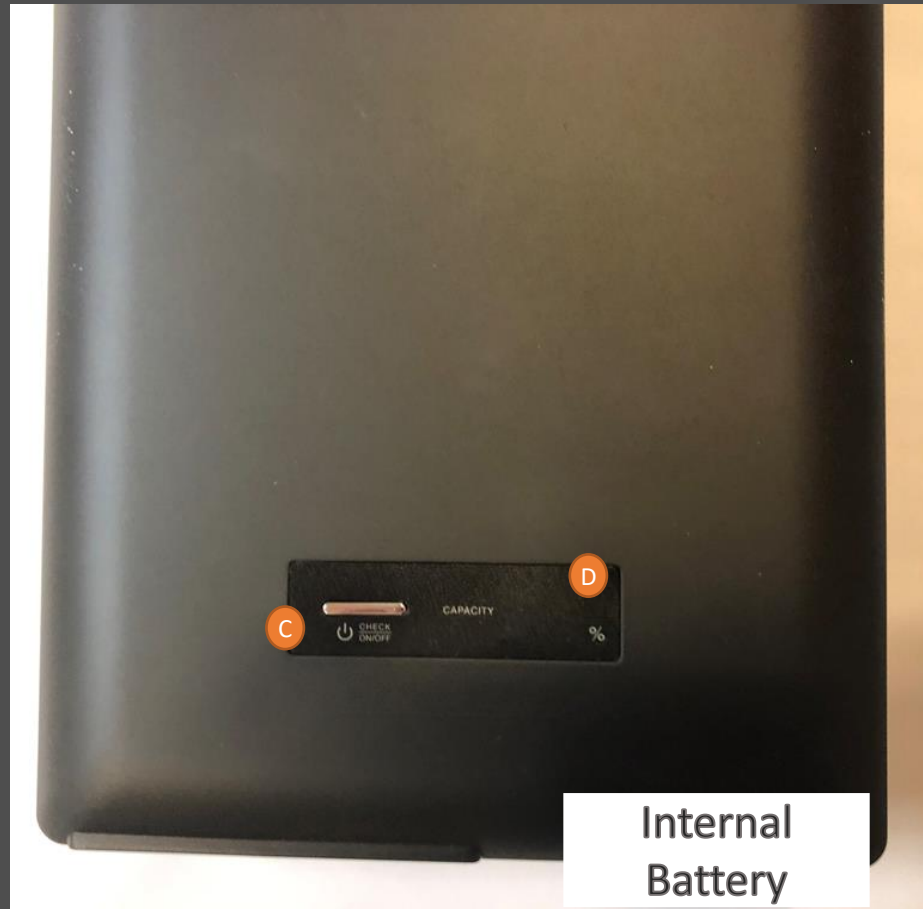
K — Power Plug for Mobile Unit Case

Inside of the Mobile Unit underneath the Top Cover is a router mounted to a metal plate for stability. The router and the built-in antenna in top cover of the Mobile Unit provide the Wi-Fi signal for the Computer Tablet and the Glass.

Router Mount Plate

Router

Top Cover

Internal Battery

Internal Battery

- Connect the white power cord Ⓐ and black power supply Ⓑ as shown before turning the battery ON.
- This battery is to remain on when in use. The battery will pass through power and continue to charge as it is used.
- It is also critical to unplug both cords after use to prevent damage.
- Battery should be turn off when not in use.

4

Internal Battery

Internal battery (Operation)

- To turn on/off, hold the power button ⒸⒸ for three seconds.
- The LED screen ⒹⒹ will show the battery charge percentage. Please note when fully charged the battery will display FF.
- Be sure to flip the switch to turn on AC power Ⓔ to power the unit. The fan will turn on indicating that power is ON.
- This battery does feature power pass through, so the battery can charge while still powering other devices.
- The battery can be used to simultaneously charge any of the devices included with the GEMINI unit.

Internal battery

Side View

Top View

- The power port is the DC barrel **F** on the side.
- There is a USB Type-C port **G** on the side that is available for charging when the battery is turned on.
- There are two 120 V outlets **H** available to use. One will be used by the case itself and the other can be used to charge the Surface Pro.
- These outlets will only be active when the AC Output Switch is in the ON position. A red light **I** will illuminate indicating that the AC power is on.
- There are 2 USB outlets **J** that can be used here for charging of Bluetooth or Google Glass devices. When the battery is powered on these ports will be illuminated with a blue light indicating that the ports are ready to charge.

Voltage Converter

1. Plug the Voltage Converter power cord into the top of the Voltage Converter.
2. Connect the MU power plug into one of the available outlets of the Voltage Converter. This will safely allow the unit to be powered in any international country.
3. Plug the Voltage Converter to an available wall outlet with the proper plug attachment.
4. Be sure to switch the power "ON" located on the side of the converter.

Step-by-Step Mobile Unit Instructions

Top- Upright Image

Side- Backside Image

1. Open the **Vent Ports** located on the top and backside of the Mobile Unit (MU). They will be labeled "**OPEN BEFORE USE**".

2. Open the **WAN Port** on the back of the MU.

3. Plug the **ethernet cord** into the designated internet jack in the OR and the other end into the WAN Port.

4. Connect the **power cord** for the MU into the backside of the case.

5. **Outside of the US** – plug in the power cord for the **Voltage Converter** (CV) into the CV, and connect the proper wall plug adapter for that county into the plug for the CV.

6. **Turn CV on** using the power switch on the side of the CV.

7. Plug the **MU cord** into the CV.

8. Connect the **white power cord** and **black power supply** into the **battery**.

9. **Turn battery on** by holing down the **power button**. The battery will remain on during entire use.

10. Once the MU powers up – **wait about 5 minutes** for the internal router establish internet connectivity.

8

Step-by-Step Operation Set-Up Instructions

Surface Pro

Side- Backside Image

1. Power on **Surface Pro Computer Tablet** by depressing power button on top left corner of the computer screen.

2. Take **Google Glass** from protective case and unfold the frame. Glass should turn on and go to the application mode.

3. Select 1 (<u>one</u>) preferred **Bluetooth device** to use and turn it on so it can connect to the computer tablet.

   A. **Bluetooth Speaker** – turn on by pressing the power icon for 2 (two) seconds. The device will connect to the Computer Tablet and the Bluetooth icon will illuminate blue.

   B. **Bluetooth Earpiece** – turn on the earpiece with the power switch located on the back of the earpiece. The device will automatically connect with tablet device. The earpiece will say "PC connected".

4. Securely connect the **DVD-I to HDMI cord** to the DVD-I out on the camera box and the other end into the **Magewell HDMI-to-USB Converter**.

5. Plug the **USB-to-USB cord** into both the Magewell and the Surface Pro Computer Tablet.

USB Capture HDMI
MAGEWELL

PREPARE TO RUN A GEMINI SESSION

NOTE: BEST PRACTICE: ALWAYS MAKE SURE EVERY COMPONENT IS FULLY CHARGED BEFORE BEGINING

1. Make sure the selected audio source is connected.

2. Check connected to the internet*.

3. Information Wallpaper should be visible. If not, left click on the GEMINI Wallpaper app.

4. Each Google Glass that is turned on will appear.
   If Google Glass does not appear check to make sure:
   ● Google Glass is charged and turned on;
   ● Computer is on the preset Hodei Wi-Fi.

5. Google Glass battery icon will appear when Glass is removed from the charging cord.

6. Left click on GEMINI app to start a Session.

START A GEMINI SESSION

NOTE: BEST PRACTICE: ALWAYS ACCEPT UPDATES TO THE GEMINI APP IF OFFERED

1 Check internet speeds if desired – should take 2 mins.*

2 Enter valid User Email.

3 Enter valid Password associated with that User Email.

4 Left click on the Login button.

5 Passwords can be reset by using the Reset Password link.

* It is always best to check that adequate internet speeds (at least 5mbs upload and download) are available before starting a Session.
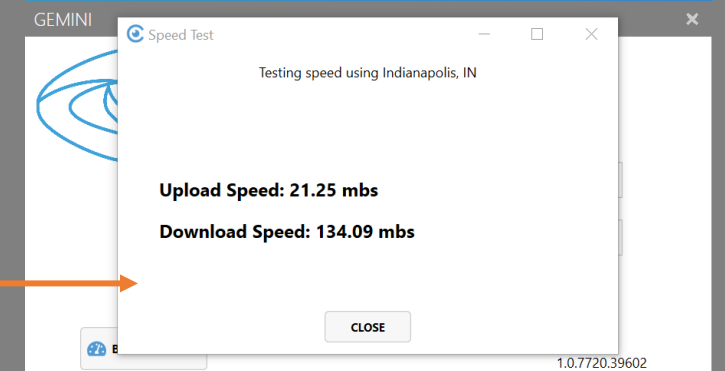
GEMINI

Welcome to Hodei

Email 2

Password 3

Login 4   Exit GEMINI

Reset Password 5

1 Bandwidth Test

1.0.7720.39602

GEMINI

Speed Test

Testing speed using Indianapolis, IN

Upload Speed: 21.25 mbs
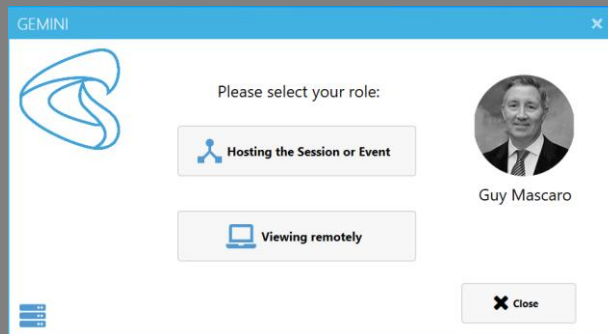
Download Speed: 134.09 mbs

CLOSE

1.0.7720.39602

START A GEMINI SESSION

NOTE: BEST PRACTICE: ALWAYS ACCEPT UPDATES TO THE GEMINI APP IF OFFERED

1   Enter any identifying Session Information.

2   From Dropdown Menu, select the desired Remote Viewer to invite. You can spell the name or scroll to it.

3   Enable HD box should be checked – if not left click in the box to activate.

4   To create an IKASI Event, check the Enable IKASI box.

5   Left click on Start Session button.

6   Left click on Exit GEMINI button to leave the GEMINI app.

NOTE: If you have both Host and Remote Viewer roles, this screen will appear first. Select the Host button to move forward.

GEMINI

Start Hodei GEMINI Remote Session

Subject   Enter Information Here   1

Remote Viewer Demo Remote Viewer   2

Name: Dr Demo Remote Viewer

GEMINI Glass units available:

Glass: AD8   100%

4   Enable IKASI

5   Start Session   6   Exit GEMINI   3   Enable HD

GEMINI

Please select your role:

Guy Mascaro

Hosting the Session or Event

Viewing remotely

Close

RUNNING A GEMINI SESSION (1)

NOTE: BEST PRACTICE: WAIT UNTIL THE REMOTE EXPERT HAS JOINED BEFORE STARTING GLASS

Host Name appears here
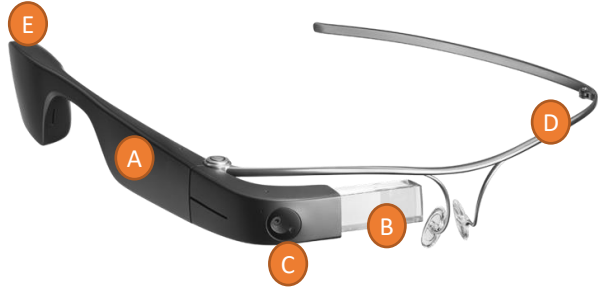
GEMINI SESSION | GUY MASCARO (HOST)

Glass Stream will Appear Here

Remote Expert Video will Appear Here

Open Sources Tab to select desired Audio & Video Input

Sources

Audio

Video   Avatar

Select HDMI input

A green moving bar appears

Start Glass Stream by left clicking on Start Glass button

Remote Expert Name appears here

Session started with: Demo Remote Viewer

Start Glass: AD8   99%

Glass Stream image can be rotated is needed

STATS

Exit Session

13

NOTE: BEST PRACTICE: WAIT UNTIL THE REMOTE EXPERT HAS JOINED BEFORE STARTING GLASS

GEMINI SESSION | GUY MASCARO (HOST)

Left click on smaller image to make it the main screen

The Remote Expert will see the camera (or input) selected in the Video Sources menu and the Glass video stream

Click up arrow to close Sources Tab after selections have been made

Sources

Audio

Video   Avatar

Selected video output appears here

Stop Glass Stream by left clicking
Stop Glass button

Glass Stream Frame rate should settle in Green bar area

Battery life of Glass in use

Left click
Exit Session Button to end Session

Session started with: Demo Remote Viewer   Stop Glass   Glass Stream Quality   0   25   50   75   100   99'   Exit Session
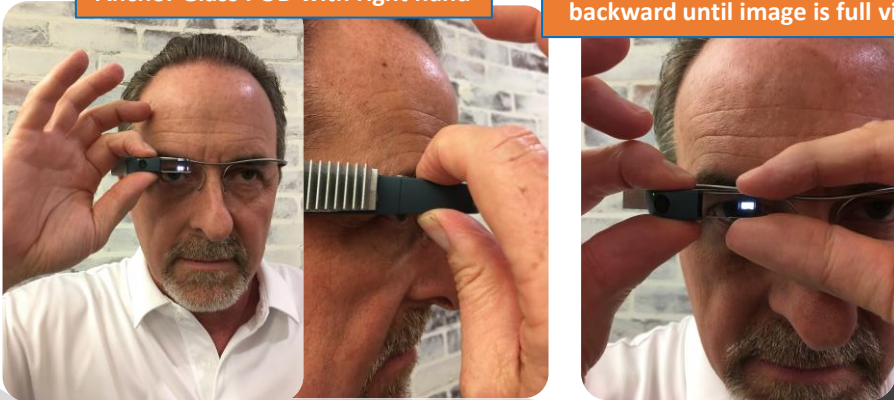
14

Google Glass
User Instructions

- **POD** (A)
- **Eyepiece** (B)
- **Camera** (C)
- **Titanium Frame** (D)
- **Charging Port** (E)

Anchor Glass POD with right hand

Gently slide eyepiece forward or backward until image is full view

GEMINI App Ready for Streaming

HCview Gemini: AB2

Batt: 99%   Wifi: 1media UniFi | signal: 99

Glass number

Wi-Fi signal strength to Glass

Glass Wi-Fi should always remain connected to:
HCviewConnect-0000XX
(XX = HUB number)

Streaming View

Streaming

43.80°   Batt: 99%

Battery life of Glass

GLASS Enterprise Edition 2

Important facts regarding Glass EE2:

- **Battery Life** – 1.5 – 2 hours from full charge

- **Battery Charging** - ~1% per minute of charging with a quick charge up front.

- **Wi-Fi Broadcast Frequency** – 5 GHz

- **Reboot Function** – just like a cellphone, Glass can get finnicky. If Glass freezes, isn't responding, etc., simply hold down the power button for 10 seconds and release. Wait 2 minutes and then restart the Glass by depressing the power button. An image will appear in the eyepiece indicating it is restarting. The Glass will then return to the GEMINI Application mode and be ready for use. Also, the Glass will reappear on the Wallpaper application.

Step-by-Step Shutdown Instructions

1. **Turn off all devices**. Surface Tablet, Glass, Bluetooth Device.

2. Flip the **AC output switch** on the battery to the **Off position**.

3. **Press down** on the **power button** on the battery **for 3 seconds** to turn off the battery.

4. Disconnect **all power cords** to the internal battery.

5. Disconnect the **ethernet cable** and **power plug** on the outside.

6. Securely **close/recap all ports and vents** on the outside of the unit.

7. Disconnect any **DVD-I – to HDMI**, **HDMI-to-HDMI** , and/or **USB-to-USB** cables that were used for the Session.

8. **Return and secure** all hardware back into the MU case in the same container and/or place it was removed from prior to use.

9. **Lock up** the MU case for safe keeping.

Contact

Hodei Tech Customer Support

+1°317°708°2444 – Ext 1