## Ohmni Telepresence Robot Specifications and Requirements

- Height - 48”or 56” Tall,
    - Foldable for easy transport/shipping (33” tall when folded)
- Base - 14”W x 17”L
- Weight - 18 lbs.
- Battery life - Up to 6 hrs
- Choice of color - Black, White, Red or custom
- GlideDrive silent independent dual drive motors
    - User controlled variable speed
    - Super fast top speed of 2.2 Mph or 3.2 feet per sec
    - Free wheeling mode - simply push it
- Auto-docking for battery re-charging
- WebRTC video standard - No app to download
- VP8 video codec - up to 30 fps @1280 x 1024 resolution
- Auto scaling of video quality vs network quality
- Tilting and panning HD main camera (2MP)
- Super wide angle field of view (160 degrees)
- Dedicated downfacing navigation camera
- 10.1” Touchscreen display
- Hi-fidelity audio codec
- Jabra Audio System
- Configurable base lighting
- Embedded 802.11ac Dual mode WiFi
- Accessible Web Browser
- Android Operating System
- API available on request

## Box Contents

- The Ohmni robot w/ 6 hour battery
- Charging Dock & Power cord
- Documentation

**Security and Privacy**

- Admin controlled access
- Google and Google Apps single sign-on
- Separate audio and video muting
- Ceiling facing camera when at rest
- No data is stored on the robot, or remote user's device(s) or network servers
- WebRTC mandates that all data and communication is encrypted:
    - Transport Layer Security (TLS)
    - Datagram Transport Layer Security (DTLS)
    - Secure Real-Time Protocol (SRTP)

**Remote Driver's device requirements**

- Computer, laptop, tablet, or smartphone with:
    - Speakers, Mic, and camera
    - WebRTC compatible operating system. Includes:
        - Windows, OSX (Apple Mac), Linux, Android, Chrome OS
        - *Note - iPad and iPhone are not supported today, but we hear it is coming
    - WebRTC compatible browser - Google Chrome recommended

**Network Requirements**

- 802.11 2.4 Ghz or 5 Ghz WiFi (5 Ghz recommended) for robot connectivity
- Broadband internet access with 3Mb speeds for best performance (robot and remote user)
- If inside an enterprise firewall, the following outbound firewall ports must be open:
    - Port 5349 (UDP and TCP)
    - Port 19302 (UDP and TCP)
- For programming server IP addresses into your firewall, contact support@ohmnilabs.com