

# TELEHEALTH CART VCS-OBSERVE

## A Cart Made to Mobilize

Designed with telehealth in mind, the agile cart is swift and lightweight at 54 lbs. to easily maneuver down hallways and swizzle into storage spaces. The anti-vibration technology uses minimal footprint to slide around chairs and tables and has been certified to UL 60601 for easy cleaning and sanitation.

## 24-Hour Monitoring

A 1080p (full HD) IR illumination camera capable of night vision and three hot-swappable batteries make 24-hour monitoring easy in any condition. The motorized pan/tilt/zoom camera allows for a 62.5° field of view, even in low-light settings.

## Super-Wide View HD Camera

Full HD (1080p) camera with 5x zoom for outstanding detail and clarity. Motorized pan/tilt/zoom to expand field of view even further—up to 170°.

## Crystal Clear Viewing Screen

Large 22" touchscreen with medical-grade IP65 and antimicrobial surface for easy sanitation; can be sprayed, wiped, and UV cleaned. Clear 1920 x 1080p resolution for viewing facial expressions and room details.

## Speak Easy Microphones

Three broadside beamforming, omni-directional microphones with noise and echo cancellation make it easy to communicate with different people in the same room. Microphones use top technologies that capture speech, while auto-leveling louder and softer voices.

## Speaker Made to be Heard

Easily adjust the volume up to 95dB for hard-of-hearing patients or noisy environments. The anti-vibration enclosure improves voice clarity while limiting sound transmission to adjacent spaces.



With every detail in mind, the sleek yet sturdy design behind the **VCS-OBSERVE** was crafted from top to bottom with medical professionals in mind. It's suited best for working environments that include virtual rounding, contactless visits and check-ups, and virtual observation using **MedSitter**, an IDS product.

**MedSitter** is a complete end-to-end remote patient sitter program that brings everything to the table – from medical-grade telehealth carts to staff training and a complete US-based IT support team.

### Monitoring Unit Specifications

**Height:** 70"

**Display Width:** 21.75"

**Base Width:** 17.5"

**Base Depth:** 18"

**Weight:** ~53.5 lbs.

**Material:** Aluminum

**Finish:** Powder Coated

**Certifications:** UL 60601 Frame



### Upper HD Camera

**Resolution:** 1080p (Full HD)

**Night Vision:** Built-in IR illumination

**Pan / Tilt / Zoom:**

Pan: +/- 170°

Tilt: +/- 30°

Zoom: 10x optical & 12x digital

**Field of View:** 62.5°

### Lower HD Camera

**Resolution:** 4K (Ultra HD)

**Pan / Tilt / Zoom:**

Pan: (+/- 25°)

Tilt: (+/- 15°)

Zoom: 5x HD

**Field of View:**

Diagonal: 120°

Horizontal: 113°

Vertical: 80.7°

### Microphone

**Pickup Range:** 4 meters (13.1 feet)

**Sensitivity:** -27dB

**Microphone Frequency Response:** 90Hz - 16kHz

**Low distortion broadside beamforming**

**Acoustic echo cancellation**

**Voice activity detector**

**Microphone background noise suppression**

**Microphone Data Rate:** 32 kHz sampling rate

### Speaker

**Volume:** Adjustable to 95 dB SPL

**Speaker Sensitivity:** 86.5+/-3dB SPL at 0.5 meter

**Distortion:**

200 Hz-300Hz < 3%

3000 Hz-10KHz < 1%

**Anti-vibration enclosure**

### Viewing Screen

**Dimensions:** 1.92" x 21.75" x 14.5"

**Screen Size:** 22"

**Antimicrobial:** Yes

**Cleaning:** IP65

**Resolution:** 1920 x 1080p

**Power:** Wall powered

**Battery Backup:** Three (3) hot-swappable batteries

88.8Wh

14.98 V

6,000 mAh

**Certifications:** UL 60601

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