APS200 Duo
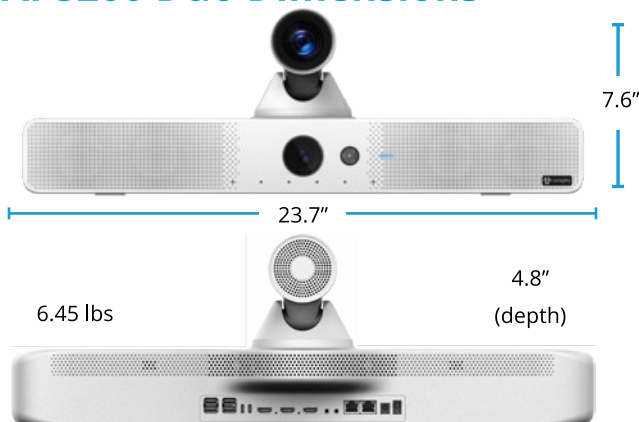## Telehealth Edge Device

APS200 Duo Overview

Meet the **APS200 Duo**, a versatile telehealth edge device purpose-built for inpatient virtual care. This dual-camera system, designed to support most patient acuity settings, offers flexible mounting options at a cost-effective price. The APS200 Duo seamlessly integrates with digital TVs and interactive patient console systems. Use its wide-angle 5x digital zoom lens for remote patient observation and the high-definition 40x power zoom camera for interactive encounters like virtual nursing.

As a cornerstone of your telehealth fleet, the **APS200 Duo** supports multiple audio and video streams so clinical teams can leverage virtual care access – and ambient AI services, such as augmented monitoring – at the same time. Advanced features include a sensitive microphone array, dual speakers for improved patient engagement, an automatic lens "eyelid" for privacy, and powerful onboard edge computing with an AI accelerator. With built-in night vision and remote pan-tilt-zoom controls, the APS200 Duo is the ultimate bedside telehealth device to enhance your inpatient hybrid care delivery.

APS200 Duo Dimensions

7.6"

23.7"

4.8" (depth)

6.45 lbs

Key Features

+ All-in-one point of care telehealth endpoint
+ Powerful processing with CPU/GPU/NPU inside
+ Dual PTZ Cameras - 40x power zoom and 5x wide angle field of view
+ Audio optimized for patient care
+ Edge computing for advanced performance
+ Night vision with IR LED flood lamp
+ Multi-stream audio/video
+ vLert Clinical Notification wall-mounted button included
+ Flexible mounting options: shelf, wall, and TV (VESA compatible)
+ Light weight and compact form factor
+ Minimal cable connections: power, network, USB peripherals
+ Wired 10/100/1000MB ethernet and Wi-Fi 6 wireless networking
+ Six USB 2.0/3.0 ports and Bluetooth peripheral connectivity

Clinical Workflows Supported

+ Tele-ICU
+ Virtual Nursing
+ Virtual Sitting/Observation
+ Tele-Stroke Monitoring
+ Virtual Consultations (two-way audio/video communications)
+ Multi-party (3+) virtual care sessions (specialists, interpeters, family)

Included Accessories

+ All-in-one telehealth endpoint with bracket/stand
+ vLert wall-mount button
+ Wall-mount bracket and hardware
+ VESA TV mounting brackets and hardware
+ Cabling: HDMI (1), Ethernet (1), power adapter (1)

APS200 Duo

Caregility's **vLert Button** mounts on the patient room footwall and interfaces with the **Caregility iNotify** application to initiate an on-demand session with a virtual nurse or remote clinician.

APS200 Duo Features and Specifications

VIDEO

Built-in Cameras	• (1) 5x Digital Zoom
	• Mechanical Pan/Tilt up to ±15°
	• Field of View: 118.5°Diagonal; 110.5°Horizontal
	• (1) 40x Power Zoom
	• Mechanical Pan/Tilt Horizontal up to ±170°
	• Field of View: 65.3°Vertical; 58.5°Horizontal
Call Resolution	• 1080p@30fps
Content Sharing	• H.239 / WebRTC
Night Vision	• IR LED Flood Lamp

AUDIO

Audio Features	• Automatic gain control
	• Automatic echo cancellation
	• Automatic noise suppression
Microphones	• 6x Microphone Array
	• Up to 6 meters (20 feet) pickup distance
Speakers	• 2.2 Speaker System (2x full range and subwoofers for a high-quality patient experience)

SYSTEM

Operating System	• Android 12 (upgradable to Android 13)

POWER SUPPLY

Input Power	• 100-240VAC, 50/60Hz
	• 60W nominal power consumption
Output Power	• 12VDC

INDICATORS

LED Indicator Light	• Programable four color design Red, Green, Blue, White

INTERFACES

Video Input	• 1x HDMI-in
Video Outputs	• 2x HDMI-out, supports CEC protocol
Audio Input	• 3.5mm audio-in jack
Audio Output	• 3.5mm audio-out jack
USB Ports	• 6x
Wired Network	• 1x RJ45 Ethernet, 10M/100M/1000M
Wireless Network	• Wi-Fi 6 (802.11ax), 2.4 GHz and 5 GHz support
Bluetooth	• BT 5.2

DIMENSIONS AND WEIGHT

Unit Size	• 23.7-inch (W) x 7.6-inch (H) x 4.8-inch (D)
	• 600mm (W) x 193mm (H) x 125mm (D)
Unit Weight	• 6.5lbs / 2.93Kg (device and stand only)

OPERATING CONDITIONS

Environmental Requirments	• Temperature: 0°C ~ 40°C (operating state), -40°C ~ 70°C (non-operating state)

CERTIFICATIONS

Standards	• FCC, IEC 60601, RoHS, CE, UL (power supply)

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

LG TV Switch	• RS-232 control for certain LG TVs - auto-switch inputs; Power ON/OFF
CEC TV Switch	• External HDMI-CEC - auto-switch inputs; Power ON/OFF

(All specifications subject to change or correction without notice)