AMiS-72 TeleHealth Cart

Features

- Highly integrated communication platform and power cart solution for telehealth applications

- PTZ Camera with 18X Total Zoom and Full HD 1080p 60fps Resolution

- All-In-One Touch Computer with Intel Core i CPU for high performance

- Easy-to-use hand-held digital scope with video system used for capturing images of the body and sharing images through the communication platform

- 30kg load capacity with motorized height adjustment

- IPX1 rated for superior infection control
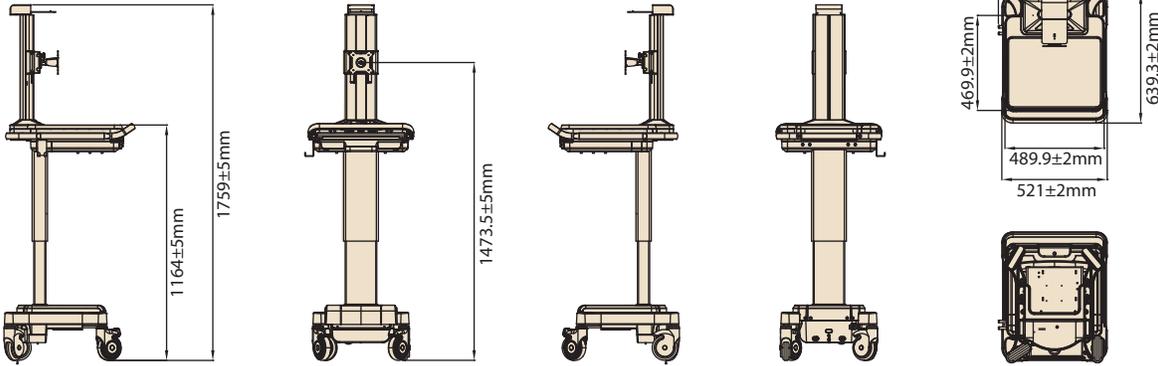
Specifications

Base Cart	Footprint	19.7" x 18.5" (500 x 470 mm)
	Casters	125mmx125mm (Anti-Static Medical casters, two locking, two non-locking)
	Height Adjustment Range	34"~45.8"(864~1164mm) Stroke 300mm
	Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 10Kg
	Dashboard	Battery power button Computer power button LED for battery capacity indication
	Work surface	18.5" x 19.3" (469.9 x 489.9 mm) Extra Loading Capacity: Up to 66lb/30kg
	Keyboard & Mouse Area	Keyboard size: Up to 380 x 140 x 25mm Keyboard LED light Mouse tray
	Accessory Integration Interface	Neck: Dove Tail Work Surface: Din Rail (Right, Left and Rear)
Control AIO PC (POC-W213L)	CPU	Intel Core i5-7300U 2.6GHz
	memory	4GB
	OS	Win 10 IoT
	HDD	128GB SSD
	Screen	21.5" 1920 x 1080 FHD P-Cap Touch Screen
	WiFi	Intel® Dual Band Wireless-AC 8265
	IP Rating	Front Panel: IP65 Entire Computer: IPX1
Aver PTZ Cam520	Resolution	Full HD 1080p 60fps Resolution
	Zoom	18X Total Zoom
	Interface	USB
Jabra UC 510	Meeting with	Meeting with up to 4 people
	DSP	Digital Signal Processing (DSP) Technology
Battery Manager Software	AMiS_Link	Battery capacity indicator Alerts (battery capacity, temperature, warning) Battery Life cycle statistics Report & log file Client Installation Server Installation (Optional) Multi-language support, including Chinese Traditional, Chinese Simple, English, German and Dutch
Power Module	Battery type	Lithium-ion
	Battery capacity	420Wh
	Power Input Voltage	100-240 V_{AC}, 50-60H, Max 4.5A
	DC Output Voltage	System 1: 19 V_{DC}, Max. 6 A System 2: 12 V_{DC}, Max. 5 A
	Battery Life SPAN	Capacity 80%, 2000cycles or 2 years (Depends on which term come first)
	Battery Runtime (Depends on system configuration	8~10 hours
Certificate		CE, FCC, IEC60601-1 Compliance

Base cart Dimensions

Unit: mm

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538±2mm
469.9±2mm
639.3±2mm
489.9±2mm
521±2mm

1759±5mm
1164±5mm
1473.5±5mm

Order Information

	AIO PC	Camera	Speaker	Drawer	Power Cord (US)	Battery	VSee Mensenger	Digital Diagnostic Set
AMIS-50E72CSLHKN50	Y	Y	Y	Y	Y	Y	N	Y
AMIS-50E72CSL0KN50	Y	Y	Y	Y	Y	Y	N	N

Peripheral Ordering Information

Power Cord

Part Number	Power Cord Type (Spiral)
1700019822	China
1700019824-11	EU
1700019825	UK
1700020538-01	Australia
1700022626-01	Brazil

Vsee Messenger

Features

- Remote PTZ Camera Control
- HIPAA Compliant Video Conferencing
- Real time Screen sharing and live annotation
- Peripheral streaming (e.g. otoscope, EKG, etc.)
- Picture-sending in text chat
- Group video

Basic Spec

- VSee Messenger download. To sign up,
  https://help.vsee.com/kb/articles/create-a-vsee-messenger-account

Compatible Devices and Operating Systems

- PC OS : Windows/ Mac OS
- Mobile OS : iOS, Android(no remote control the PTZ camera)

Audio

- 16 KHz audio sampling
- Software acoustical echo cancellation
- Special digital stethoscope audio mode
- Automatic audio over video priority during network congestion

Video

- HD up to 720p at 30 fps
- Can send up to 4 camera feeds at the same time for sharing medical peripheral cameras such as otoscope, dermatoscope, etc
- Low required upload/download speeds at ~200kbps (less than Skype, Vidyo, and Cisco).
- Network sensing streaming protocol optimized for 3G, Wifi, satellite, and congested networks
- Far-end pan, tilt, zoom camera control
- Audio and video lip synchronization based on Dr. Milton Chen's Stanford PhD research

Internet Connection

- Minimum 200 kbps upload and download required (500 kbps recommended)

Instant Message / Text Chat

- Send private and group IM
- Drag-and-drop picture sending

Screen and Desktop Share

- One-click on any application window to privately share that application only
- Live annotation/drawing on any shared application
- Share multiple desktop screens & select a smaller region of the desktop to share

Security

- Encrypted using 256-bit AES
- HIPAA Compliant (with signed BAA)

Recording

- Record audio and video and save on the desktop
- Cloud recording available for VSee Clinic

Architecture

- Does not require any video router or MCU, where VSee traffic streams directly between the computers for 1-1 calls, thus not requiring any media server. See VSee firewall rules at https://vsee.com/firewall

Digital Handheld Diagnostic Set

Features

- 5Mp HD camera sensor
- HDMI and USB live video connections with lockable cables
- Manual focus with live image zoom
- Integrated lens locking system
- Touch Screen operation
- Backwards compatibility - works with all existing lenses
- Additional lens options

Specifications

Items		DSC 300P
CPU		DM388
Sensor		AR0521
Focus type		Focus wheel
LCD Monitor		3.5" Projective capacitive touch panel
File storage		Micro SD Card (2~32G)
Interface	Wi-Fi	Embedded
	Bluetooth	Embedded
	Micro HDMI	○
	Mini USB	○
	Magnetic pogo pin charger	○
	AV out	−
Function	Manual Focus	○
	Auto Focus	−
	Auto Exposure	○
	Auto White Balance	○
Lens	Dermatoscope (DDC100)	Dimension 80 x 90 x 205 mm Weight 370g Field of view 10mm Camera/video flash light Natural white LED Polarization Yes
	Otoscope (DOC 300S)	Dimension 43 x 43 x 70 mm Weight 69g Field of view 7~20mm Camera/video flash light Natural white LED
	General scope (DGC100)	Dimension 5 x 9 x 20.5 cm Weight 300g Field of view 88 m Camera/video flash light Natural white LED
Picture Resolution		2560 x 1920 (5M pixels)
Video Resolution		2560 x 1920 pixels

All product specifications are subject to change without notice.

Last updated: 23-Mar-2021