Intelligent Healthcare
Leading Edge AI in Healthcare

- Medical Computing
- Medical Imaging
- Medical Specialties
- Medical Mobility
- iHospital Solutions

ADVANTECH íHealthcare

intel partner Titanium

Microsoft Solutions Partner

www.advantech.com

Edge AI Platforms for
Innovating Healthcare

- **Knowledge and expertise**
- **Extensive industry experience**
- **Dedicated R&D**
- **Strict revision control**
- **Customization capabilities**

As a leading provider of digital healthcare solutions, Advantech has collaborated with international medical equipment manufacturers and system integrators to develop its core competencies. Advantech's iHealthcare division assists hospitals and healthcare providers with establishing patient-centered treatment environments equipped with innovative digital healthcare platforms for delivering quality patient care.

All our medical computing solutions feature high-performance systems designed with the utmost quality to provide reliable support for critical healthcare applications. Built to satisfy strict industry regulations, Advantech's medical computing systems comply with UL60601-1 and EN60601-1 medical safety standards, feature IPX1-rated ingress protection and drip-proof enclosures, and are CCC certified for electrical safety. In addition to offering long-term product support, Advantech ensures that all its solutions are highly reliable, easy to install, and can be seamlessly integrated into existing hospital infrastructures.
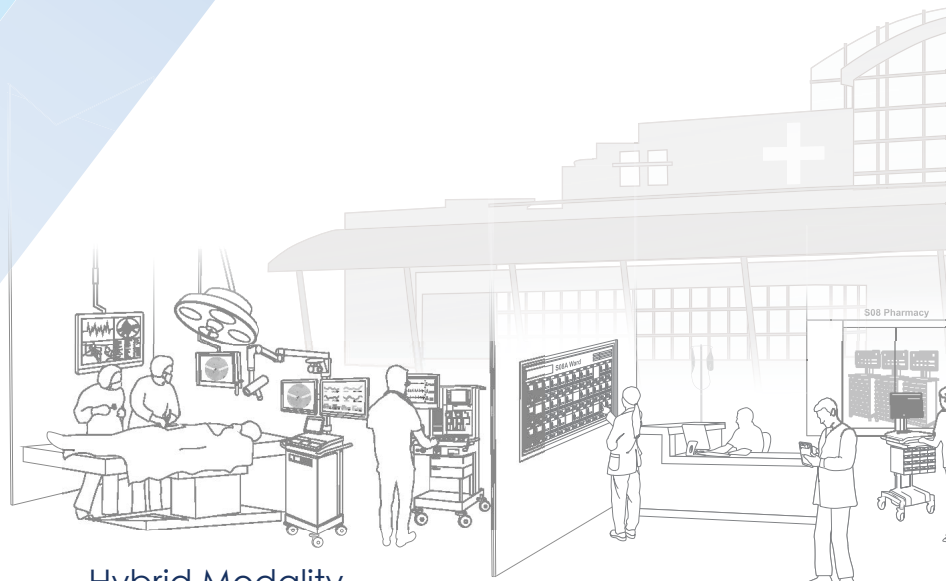

Point-of-Care
Specialty Treatment
Increase healthcare accessibility and efficiency

Nursing
iWard S
Streamline workfl
patie

Hybrid Modality
Device Usability   iMedication   Digita
Medical Equipment   Command Center
Medical Video   Interop

Table of Contents

Care & olutions

lows and improve t care

Mobile Medical Care

Enable patient-centric treatment

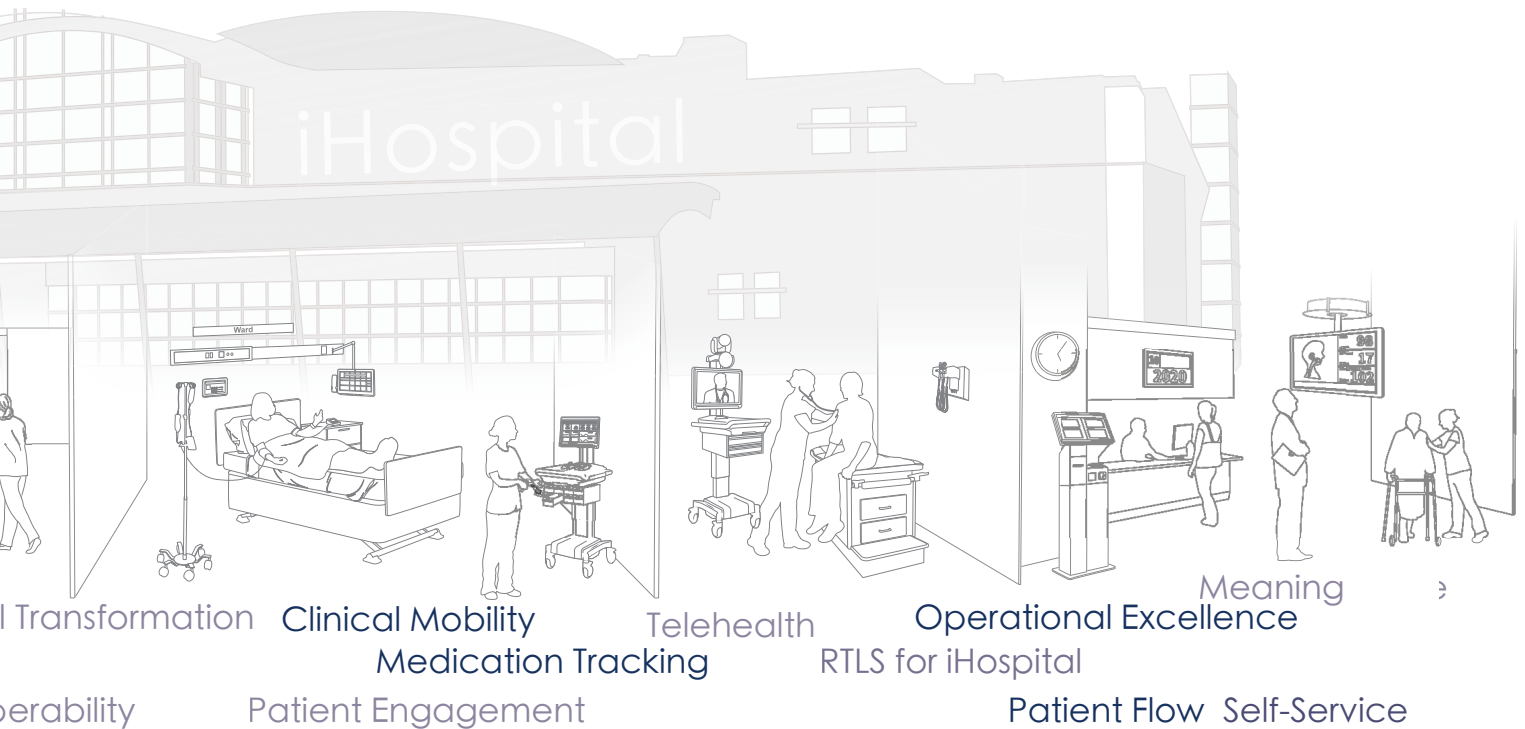**OR Video Management**

Improve surgical outcomes with interoperability

Medical Specialty Equipment

Flexible to be customized and deployed

iHospital

l Transformation

Clinical Mobility

Telehealth

Operational Excellence

Meaning

Medication Tracking

RTLS for iHospital

perability

Patient Engagement

Patient Flow Self-Service

Medical Computing

Healthcare organizations have experienced an explosion of data and are adopting edge computing architecture to digitize and improve patient care. To facilitate the digital transformation of healthcare, Advantech has developed its POC series for HMI and critical surgical applications, the HIT series for iWard and nurse call applications, and the USM series for AI healthcare applications.
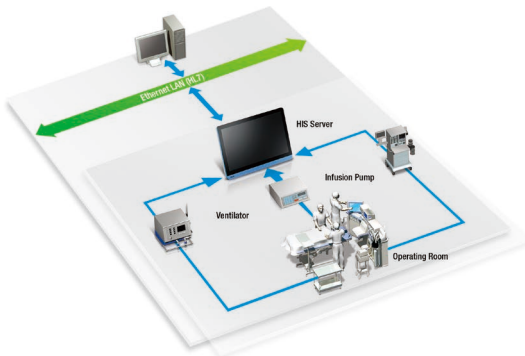
Perioperative Information Systems in ORs

Perioperative information systems support clinical and administrative decision-making regarding preoperative, intraoperative, and postoperative procedures. Such solutions include a comprehensive anesthesia information system that documents each phase of the procedure and is integrated with patient monitoring equipment and anesthesia machines.
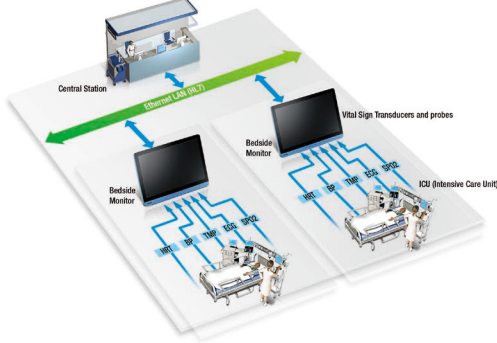
Clinical Information Systems for Intensive Care

Clinical information systems integrate patient care applications and data management tools to facilitate rapid, informed decision-making at the point of care. These systems are employed in ICUs and at patient bedsides, can be accessed via the hospital network or an online browser, and improved data access in wards and during patient consultations.

Medical Certification

Modularized Design

Customization Service

High Performance

Industrial-Grade Mounting Solution

The ARES Industrial-Grade Mounting Solution is dedicated to providing reliable, adaptable, and modular mounting products designed with ergonomics in mind.

Wall-Mount Kit

Workstation

Long-Reach Arm

Table Stand

One-Stop Shopping Solution

Tug-Resistant VESA Mount

Ergonomic Design

Customization Service

Medical All in One

TAIWAN EXCELLENCE 2023

POC-4 Series
Modularized

Clinical and mobile cart applications

POC-6 Series
Mainstream

PDMS in ICU and OR radiologic image displays

POC-8 Series
High-Performance

Image processing for medical specialties

Healthcare Information Terminals

HIT-3 Series
General Healthcare HMI

Integrated HMI for healthcare needs

HIT-5 Series
Nurse Call & Patient Care Focus

Information terminal for bedside and nurse station applications

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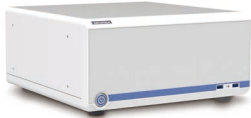# Medical Edge AI Box PCs

TAIWAN EXCELLENCE 2025

USM-100 Series
Fanless Box PC

An intelligent central hub for IoT devices

USM-300 Series
Scalable Edge AI Computer

Image/video capture and processing for hybrid ORs

USM-500 Series
Edge AI Workstation

An edge workstation for AI inference, AI-assisted, 3D rendering

Medical Imaging

Integrated IP-Based Solution for Operating Rooms

IP-based video streaming systems capable of handling high-quality imaging and real-time video from multiple sources are crucial for enabling centralized OR management and remote medical training/collaboration.

PAX-1 Series Clinical Displays

21" 24" 27"

PAX-3 Series Surgical Displays

65"(4K)
55"(4K)
32"(4K/3D 4K)
27"(4K)
24"

Digital Operating Room Solution

Video System Integration

Video Streaming	Video Management	Broadcasting	Network Switch	Wireless HDMI	Video converter	HDMI Over Fiber	Recording System	Camera Systems

For Operation

2. Control Panel   5. Surgical Data Terminal   1. In-wall Console

3. 2D/3D Display   4. Integrated AV Station   8. Surgical Item Management
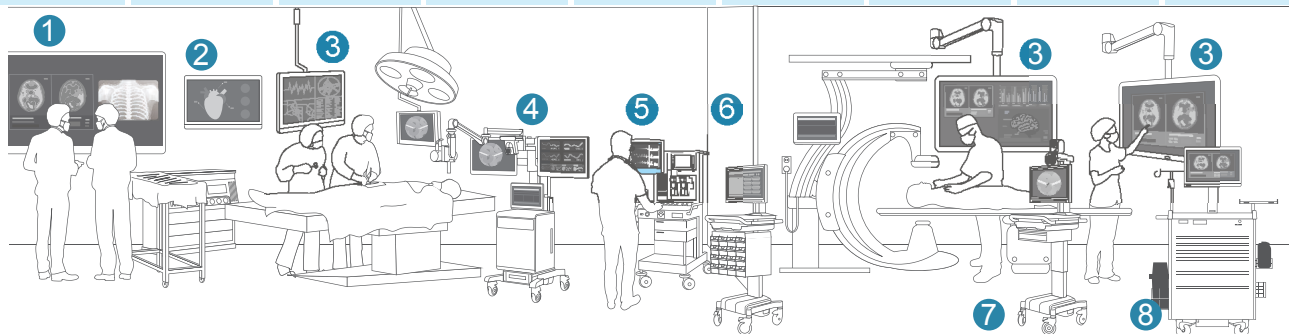
Post-Op Reporting System

3. 2D/3D Display   6. Mobile ADC   7. General Workstation

Integrated IP-Based Solution

AVAS Series

![SDVoE ALLIANCE logo]

AVAS-200 Series
Video Encoders and Decoders

IP-based data transmission system with a single-cable distribution architecture.

AVAS-400 Series
Video Recorders

Integrated imaging hub equipped with software development APIs for customizing video and imaging streams.

AVAS-60 Series
Video Mobile Workstation

Mobile workstation for conducting surgical demonstrations and consultations.

AVAS-800 Series
In-Wall Streaming Console

A large screen in-wall streaming console perfect for digital OR applications

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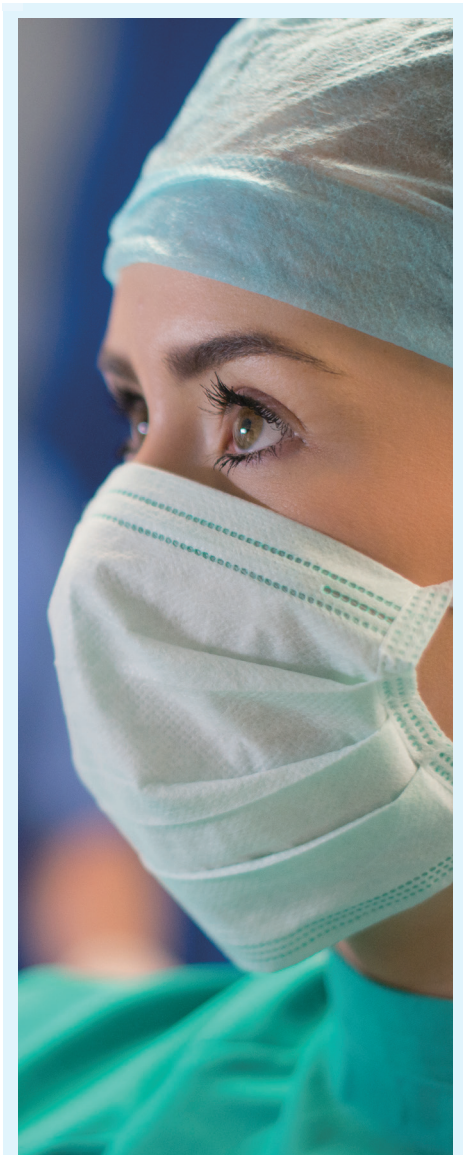
PAX-3 Surgical Displays Key Features

Touch/AG/AR Coating

BT2020 Compatible and >94% NTSC

Up to 3D@4K

DICOM or Gamma 2.2

Imaging Configuration

Support Endoscopy/ Mirror Effect, etc.

Optical Bonding (optional)

12G SDI @4K Single/Quad

*These features focus on the PAX-3
*More detail please refer to datasheet

Customized Displays

Medical-grade power adapter with EFT Immunity

Plastic insulation layer with ESD & EMI Protection+

Multi-layer PCBA with ESD & EMI Protection+

I/O cover to reduce risk of ESD events
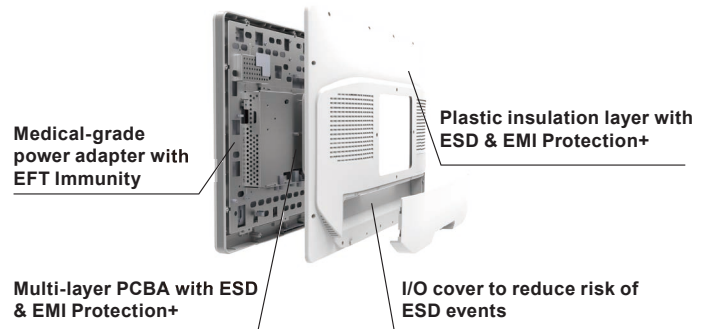
Ranging from 12" to 65", flexible for both clinical and surgical use, offering comprehensive medical display solutions.

6

Specialty Medical Equipment and Devices

Advantech's medical-grade products streamline time-to-market by adhering to industry regulations. Customizable for specific applications, our healthcare solutions support a wide range of medical specialties. As a design partner for medical customers, we provide integrated development services, ensuring certification compliance throughout the product lifecycle. For next-generation healthcare, we offer customization to accelerate AI adoption. Additionally, through strategic change management, Advantech ensures stable production for extended lifecycles.

Medical Certification

Flexible Customization

RDT/HALT Test for Reliability

Comprehensive Computing Platfom

Early Access Design

World-Class Quality Assurance

Laboratory Analyzer

A clinical laboratory analyzer is used in hospital and clinical laboratories to run automated biochemical tests to detect the presence and concentration of substances in samples.

Surgical Navigation

Intraoral Scanner

An intraoral scanning system is used to acquire oral data, display real-time 3D rendering, design, and produce 3D models for caregivers to facilitate diagnostics and outpatient services.

Point-of-Care Terminal & Medical Display

Point-of-Care Terminal

Robotic Surgery

An IP nurse call system is a communication and management system equipped with IP technology for hospitals, clinics, nursing homes, and all other healthcare institutions.

Endoscopy

An endoscopy is a procedure to examine the inside of a person's body using an endoscope.

Medical Computers & Displays

OR/ICU Devices

The combo module for point-of-care terminals features a 4K camera and sound bar, which enables clinicians and ICU staff to consult on patient care remotely.

Medical Carts & Point-of-Care Terminals

C-Arm Machine

A C-arm machine is a piece of medical imaging equipment that operates on the basic principle of X-ray technology. This fluoroscopy device is used to visualize patient anatomy in the operating room during surgery.

Intelligent Medical Carts

Introducing the AMiS Series, Advantech medical carts designed to move with busy healthcare professionals and facilitate quality care at the point of service. They are also equipped with wireless capabilities, mobile connectivity, and specialized applications.Our AMiS series medical carts are developed to meet caregiver requirements, eliminate paper-based processes, and minimize data errors to facilitate the delivery of superior care.

Nursing Care

For nurses, AMiS carts streamline documentation by eliminating paper-based processes, thereby reducing data errors and optimizing operational efficiency.

Medication Management & Administration

The AMiS-8 RFID Tracking Solution with RFID technology relieves pressure on medical professionals and enhances medication safety. It supports medication carts and dispensing cabinets for pharmacies, nursing stations, ORs, and wards, meeting all hospital needs.

Medication Management & Administration

Medical Specialty

Medical Specialty & Customization

AMiS medical specialty is designed to enhance efficiency across various healthcare sectors, including dentistry, operating rooms (ORs) telemonitoring, endoscopy, and ultrasound applications. This series emphasizes highly flexible customization and professional electromechanical integration capabilities, enabling tailored solutions that meet the specific needs of healthcare facilities.

Nursing Carts & Point-of-Care Applications

All-In-One Touch Computer

Adjustable Monitor Mount

Easy Height Adjustment

Tidy Cable Management

Diverse I/O

Battery Monitor
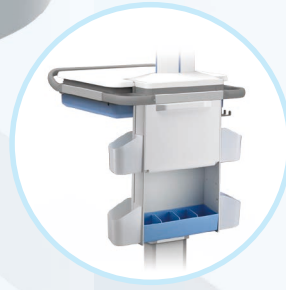
Easy Accessory Mounting

Water and Dust Resistance

Larger Caster Design
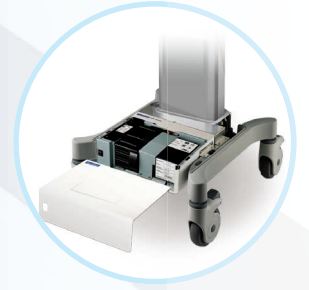
Reliable Battery

Transforming Your Ideas into Reality

Add-on modules enable multifunctional mounting solutions, trays, and power systems to accommodate diverse applications. These accessories can be easily attached in various positions to integrate seamlessly with medical carts, ensuring optimal performance in any clinical setting and empowering professionals to deliver exceptional care.

Adjustable mounting solution and AIO PC solutions to support various clinical Computer

Standard VESA	Shorten Arm	Long Boom Arm
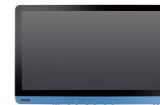
AIM	PAX	POC	Vital Sign Devices

Utilizes dovetail slots to allow for the easy expansion of various accessory options

Keyboard Tray	Mouse & Barcode Holder	Storage Basket

Standard PC Holder	Standard Holder	Extended Column

Equipped with a power system, it also offers multiple bottom stability design options

Intelligent Power system

Medical Tablets

The Advantech AIM Medical Tablet enhances healthcare mobility, offering real-time data access, secure communication, and detailed imaging in a compact, portable design. With powerful processing and a large battery capacity, it ensures healthcare professionals can deliver timely, accurate care anywhere.

Security & Safety

IEC
Certified

Windows 11
Win10/11 LTSC

TPM 2.0
Security

Connectivity

DeviceOn
Remote Device
Management Software

Portability & Durability

- Ease of cleaning and disinfection
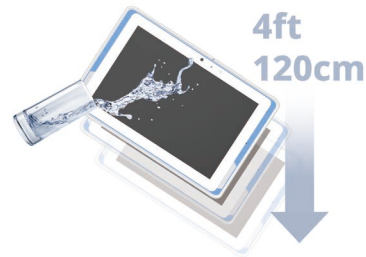
4ft 120cm
- Drop Tolerance
- IP65-Rated Protection

- Vivid Display
- Glove-Compatible Touchscreen

- Extended Product Lifecycle

Application-Oriented Peripherals

Streamlined care with
VESA Dock

Medical Imaging with
DESK Dock

Mobile portability with
Kickstand

Versatile application with
Add-on Module

iHospital Solutions

The iHospital solutions from Advantech facilitate the integration of various healthcare systems and technologies, enabling efficient data flow and communication. This integration helps streamline workflows, reduce errors, and ultimately improves the overall quality of patient care.

Advantech's iHospital solutions are innovative offerings that include intelligent ward solutions, intelligent outpatient services, a real-time location system, as well as a centralized hospital management center to enable the realization of intelligent hospitals. These solutions can be rapidly deployed in diverse facilities to increase service efficiency and facilitate the provision of high-tech, patient-centered care.

Nursing Applications
• iWard

Ambulatory
• iOutpatient

Perioperative Systems
• iVideOR

Ancillary Department Systems
• RTLS
• ColdChain
• IoT Sensing

Energy Management
• iEMS

iVideOR

RTLS

iWard

iOutpatient
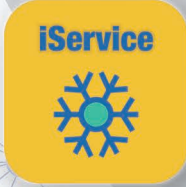
ColdChain

"The Advantech iWard solution for information integration improves immedicay of use. It also improves medical personnel work efficiency, and enables patients to receive better medical care through intelligent work practices."

Chiu-Asiang Lee,
Deputy Dean of the Nursing Department
at Chung Shan Medical University Hospital

"Advantech is a great choice;
they have enthusiastic and professional staff. We are now
an outstanding hospital thanks to their intelligent solutions."

Pham Viet Thai,
Investor in Thai Hoa Hospital.

iEMS

IoT Sensing

iOutpatient Solutions

Advantech's iOutpatient solutions comprise an information signage and queue management platform that can be integrated with hospital information systems (HIS) and patient check-in data to guide patients toward a satisfactory journey.

Key Features

- Integrated portal for managing signage displays and patient queuing system
- Enables monitoring and analysis for valuable insights that improve operational efficiency

IoT Sensing & Cold Chain Solutions

Key Features

- Ensuring pharmaceutical safety with IoT sensing and cold chain management LEO-S592-AQ integrated with multiple sensors: humidity,temperature, CO2, Brightness, PM2.5, PM10, HCHO.
- LEO-S552-TH temperature and humidity sensor can real-time monitor optimal temperatures for vaccines and sensitive drugs
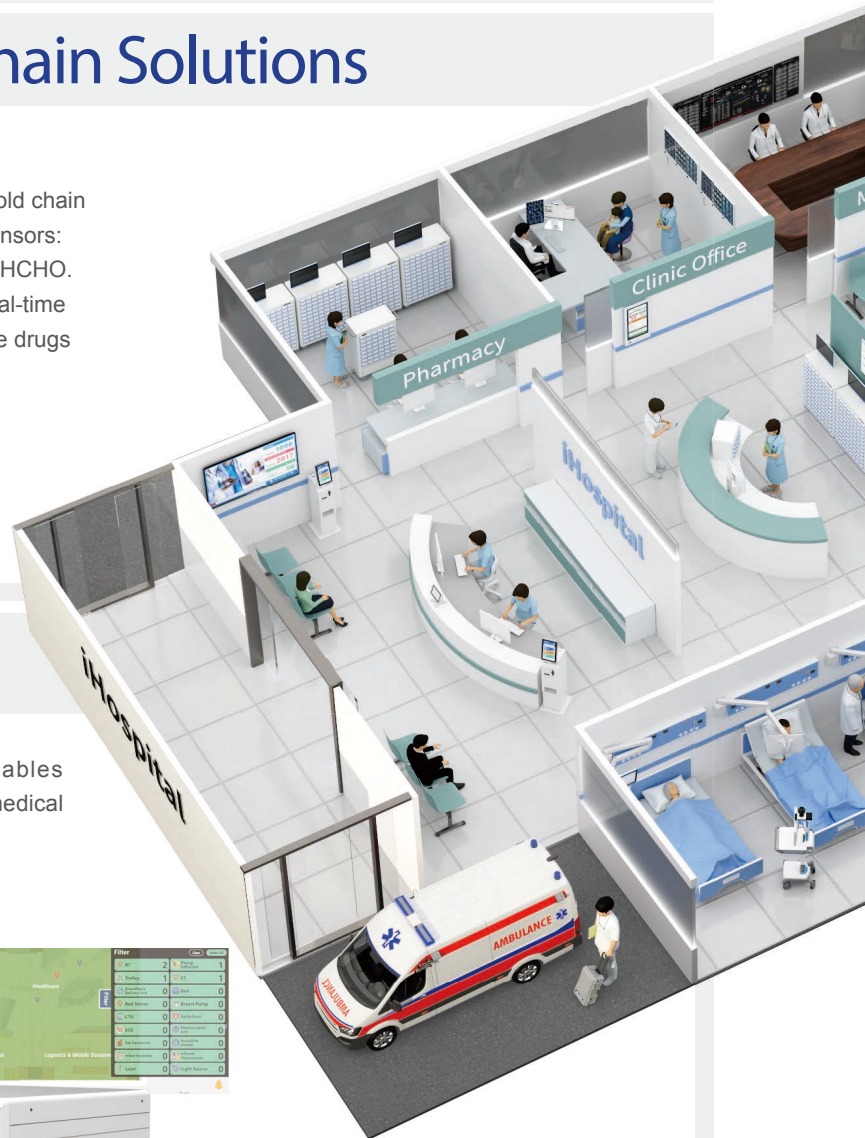
RTLS Solutions

Advantech's real-time location system (RTLS) enables convenient location tracking and status monitoring of medical equipment, staff, and patients.

Key Features

- People tracking
- Equipment positioning
- Bluetooth low energy (BLE) / Infra-Free Wi-Fi
- Dwell time analysis
- Real-time notifications

iEMS Solutions

One-stop, low carbon, & digital transformation solutions

Key Features

- Smart ISO-compliant carbon & energy management
- AI empowered intelligent machines & facilities management
- HVAC/Compressor systems management & AI controlling energy saving
- Gen AI knowledge database creation & services

iVideOR Solutions

iVideOR is designed to simplify the medical video management process, iVideOR allows healthcare professionals to livestream surgeries, record procedures, and manage captured video data from a centralized location.

Key Features

- Maximize operating room efficiency
- DICOM support
- Convenient cross-platform data access
- Real-time communication and content sharing

iWard Solutions

Featuring high configuration flexibility and an intuitive user interface, iWard solutions facilitate the provision of clear information and interactive patient education for increasing patient engagement and optimizing healthcare outcomes.

Key Features

- Standardized for rapid deployment
- Flexible configuration for diverse departments
- High extensibility for easy integration
- Medication management enhances the safety and efficiency.

Application Stories

Benelux Hospital Adopts Point-of-Care Terminals to Establish a Patient Data Management System

Netherlands

Benelux Vitaal B.V., a Dutch hospital, wanted to improve bedside care in intensive care units (ICUs) and critical care units (CCUs) by implementing a patient data management system (PDMS). A PDMS provides medical staff with instant access to all treatment data, test results, and patient information at the point of care. Moreover, it improves nursing workflows by simplifying documentation and data validation. Advantech's medical-grade point-of-care (POC) terminals were adopted to establish a PDMS that could be integrated with electronic medical records (EMRs). Certified to medical safety standards, the terminals are ideal for deployment in various settings, including operating rooms, critical care units, and specialty departments. For Benelux, realizing a PDMS with POC terminals, particularly in intensive care units, provided a convenient solution for delivering high-quality, patient-centric care directly at the point of service.
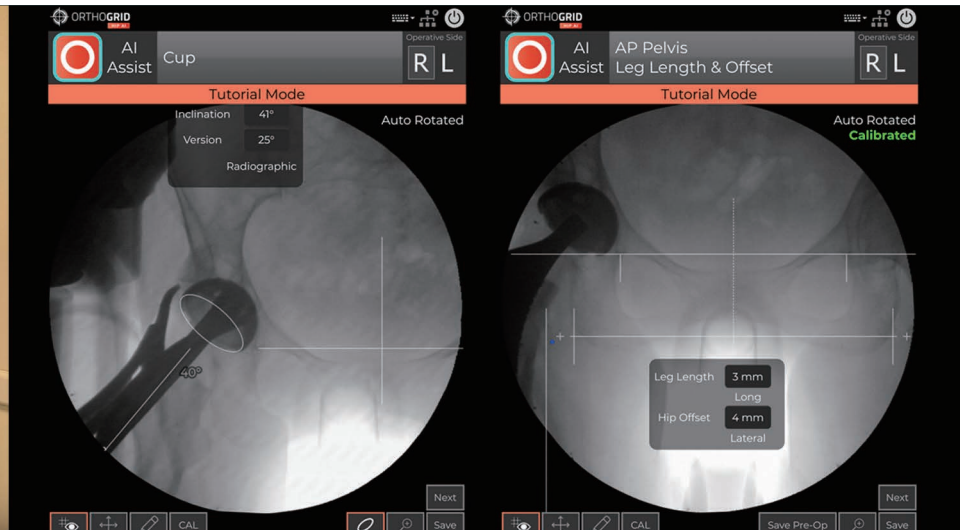
OrthoGrid Reshapes Orthopedic Procedures with AI-Powered Platform

United States

OrthoGrid's AI applications tackle key orthopedic surgery challenges by correcting fluoroscopic distortion, interpreting images, and providing real-time feedback to surgeons, enhancing performance without added costs. Their deep learning AI algorithms are optimized for surgeries like total hip replacement and trauma, offering automated assistance to make procedures more efficient and accurate.

To support real-time AI execution, OrthoGrid uses Advantech's USM-500, a medical-grade computer with a 9th Gen Intel® Core™ processor and NVIDIA® Quadro RTX™ 4000 GPU. Its dual video capture cards allow for rapid processing of large fluoroscopy images, meeting strict medical standards.

Digitizing ORs at Erasmus University Hospital with 4K Ultra HD Lossless Video-over-IP Solutions

Erasmus University Hospital in Rotterdam is the largest hospital in the Netherlands. To upgrade their facilities, the hospital wanted to implement digital operating rooms (ORs) equipped with multimedia video streaming solutions. Advantech, together with partners INTER and Technolution, helped develop and implement video streaming solutions in the hospital's 26 operating rooms. The solution was designed to optimize the OR workflow by allowing medical staff to access all data relevant to the operation, such as patient information, imaging results, and treatment videos, from a single centralized platform during each stage of the operation. Moreover, video streams can be shared between ORs and broadcasted to different hospitals and lecture rooms for remote consultation and doctor training. In terms of design, the solution was based on Technolution's SigmaXG video-over-IP technology, which supports low-latency 4K ultra HD video streaming. Advantech's surgical monitors equipped with an NDcoder were also deployed. Finally, INTER's ORflow platform was installed in all ORs. The solution provides doctors convenient access to perioperative information and enables administrators to easily record videos for telemedicine or educational purposes.

Enhancing Patient Care with Advantech HIT and DeviceOn-iService Suite at Iseikai International General Hospital

Pers Japan, specializing in bedside equipment and IT solutions, collaborated with Advantech to equip Iseikai International General Hospital with over 530 HIT-W101 bedside information terminals. By integrating Advantech's DeviceOn-iService suite, the hospital now benefits from real-time hardware and app monitoring, scheduled power management, OTA dispatch, and remote OS settings. These innovations have significantly reduced maintenance costs and enhanced the efficiency of the hospital's IT team, supporting the hospital's mission to integrate advanced technology and improve patient care.

Advantech AIoT Application Story - Vietnam Thai Hoa Hospital

Vietnam

To address medical resource shortages and enhance service quality, Thai Hoa Hospital partnered with Advantech to build Vietnam's first smart hospital. Despite modern equipment and skilled staff, outdated patient management software hindered operations. By integrating Advantech's intelligent solutions, including advanced data systems and telehealth technologies, the hospital improved patient satisfaction, operational efficiency, and reduced costs. These innovations, such as iWard terminals and the AVAS solution, have revolutionized patient care and positioned Thai Hoa Hospital as a leader in the smart healthcare era, ensuring sustainable growth and advanced medical services.

Optimizing Cerebral Oximetry in Cardiovascular Surgery with Advantech Tablets

United States
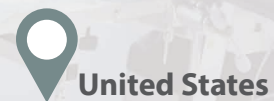
Advantech stands at the forefront of near-infrared spectroscopy (NIRS) technology for cardiovascular surgeries. Our portable devices, equipped with customizable interfaces, seamlessly integrate into existing medical setups, optimizing perioperative workflow. Continuous monitoring of cerebral oxygenation enables clinicians to detect and address issues promptly, enhancing patient outcomes. Beyond clinical benefits, Advantech's solutions are designed for practicality and durability, with a compact and rugged build ideal for the demanding environment of the operating room. By partnering with Advantech, healthcare providers can elevate their capabilities in cardiovascular surgeries, ensuring reliable performance and improved patient care.

Pingtung Veterans General Hospital Optimizes Medication Management with Advantech's eMedication Solution

📍 **Taiwan**

Medications are traditionally dispensed manually. This requires multiple staff verifications and is taxing on human resources. Pingtung Veterans General Hospital chose to optimize medication management by delegating some tasks to intelligent technology. This frees up resources and ensures medication safety by decreasing the risk of human error. In this case, the hospital adopted Advantech's eMedication Solution — which comprises of the AMiS-810 RFID Bin Setting Station, the AMiS-830 UD Medication Cart, the AMiS- 850T Compact Automated Dispensing Cabinet, the AMiS-850C Medication Cart, and iMedication Software. This combined solution enables secured, closed-loop medication management — from the pharmacy to bedside administration.
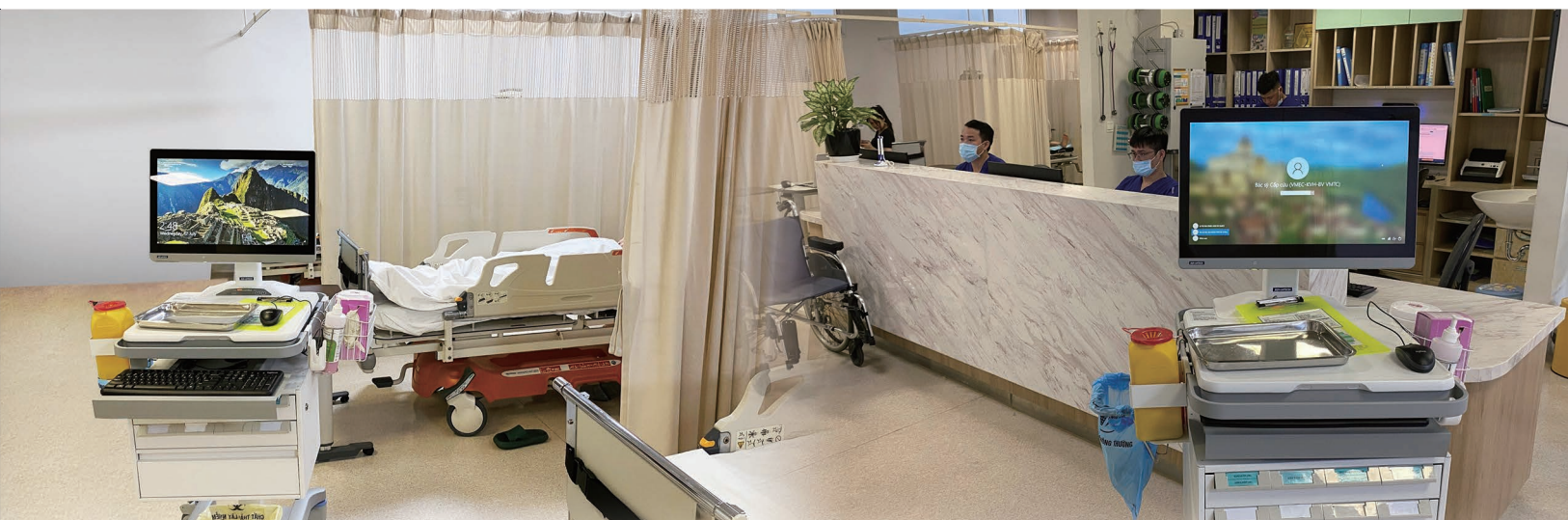
Optimizing Work Efficiency with Advantech Nursing Cart with Medication Box for Emergency Room Clinical Use

📍 **Vietnam**

Vinmec Times City International Hospital is the first general hospital in Vietnam to achieve Joint Commission International (JCI) accreditation, a prestigious global standard recognized in over 90 countries. This accreditation highlights Vinmec's dedication to maintaining high international standards in quality management and patient safety.

To enhance efficiency in emergency room workflows, Vinmec is implementing Advantech's AMiS-30EM mobile nursing station, which features a medication box. This powered medical cart allows for one-button height adjustment, improving comfort for clinicians. Its adaptable design accommodates various accessories, thus optimizing clinical efficiency and patient care in busy hospital environments

Product Selection Guide

POC-4
Multimodal
Point-of-Care Terminals

		POC-424 Standard Model	POC-421 Standard Model	POC-424 Battery Model	POC-421 Battery Model
System	Processor*	Intel® Core™ U5-125U 12 cores,12M Cache, up to 4.3 GHz Intel® Core™ U7-155U 12 cores,12M Cache, up to 4.8 GHz		Intel® Core™ U5-125U 12 cores,12M cache, up to 4.3 GHz Intel® Core™ U7-155U 12 cores,12M cache, up to 4.8 GHz	
	Memory (Default)	Memory (default) 16GB DDR5 (supports up to 32GB DDR5 SODIMM)	Memory (default) 16GB DDR5 (supports up to 32GB DDR5 SODIMM)	Memory (default) 16GB DDR5 (supports up to 32GB DDR5 SODIMM)	Memory (default) 16GB DDR5 (supports up to 32GB DDR5 SODIMM)
	Operating System (Optional)	Windows 10 IoT 2021 Ent, Windows 11 IoT 24H2 Ent, Windows 11 Pro TW/UK/USA	Windows 10 IoT 2021 Ent, Windows 11 IoT 24H2 Ent, Windows 11 Pro TW/UK/USA	Win 10 IoT Ent LTSC 2021, Win 11 IoT Ent LTSC 2024, Linux (supported upon request)	Win 10 IoT Ent LTSC 2021, Win 11 IoT Ent LTSC 2024, Linux (supported upon request)
Storage	Primary Storage	NVMe SSD (M.2 2280)	NVMe SSD (M.2 2280)	NVMe SSD (M.2 2280)	NVMe SSD (M.2 2280)
Display	Size	23.8 in	21.5 in	23.8 in	21.5 in
	Max. Resolution	1920 x 1080		1920 x 1080	
Touch	Type	10-point multi touch P-CAP (clear glass)		10-point multi touch P-CAP (clear glass)	
I/O	USB 3.2 Gen 1 (Type-A)	4		4	
	USB 3.1 Gen 1 (Type-C)	1		1	
	HDMI	1		1	
	LAN 1.5KV-isolation	2		2	
	Mic-In/ Line-Out	1		1	
	COM (RS232)	1		1	
iDoor		-		Choose one of either 4KV idoor (1COM+2USB) / 4KV idoor (1LAN) / 1.5KV idoor (1COM)	
Expansion Slots	M.2 2230 E-Key	1 (for Wi-Fi/Bluetooth module)		1 (for Wi-Fi/Bluetooth module)	
Other Functions	Speaker	2 x 2W speakers		2 x 2W speakers	
	Camera	1 x 5 megapixel (optional)		1 x 5 megapixel (optional)	
	Book Light	1		1	
	TPM 2.0	2.0 (default chip)		2.0 (default chip)	
Power Input	DC/AC	DC 19V, max. 150W		DC 19V, max. 150W	
IP Rating	Front Panel	IP65		IP65	
	System	IP54		IP43	
Authentication Solution (Choose 1)	RFID Reader	Optional (choose either RFID or smart card reader)		Optional (choose either RFID or smart card reader)	
	Smart Card Reader**	Optional (choose either RFID or smart card reader)		Optional (choose either RFID or smart card reader)	
Battery Solutions	Backup Battery	-		20W (Optional)	
	Hot-Swap Power System	-		2 x 140W (Optional)	
	Charging in POC-4	-		AC in with low loading condition: all batteries to 100%	
	Charging in charging station	-		2 slots: Charging time < 2 hours from 20% to 80%	
Certifications	EMC & Safety	Medical CE, FCC (IEC 60601-1-2, 4.1st edition),		Medical CE, FCC (IEC 60601-1-2, 4.1st edition)	
Physical Characteristics	Dimensions (W x H x D)	583 x 387 x 63 mm/ 22.95 x 15.2 x 2.48 in	524 x 357 x 58 mm/ 20.63 x 14.06 x 2.28 in	583 x 387 x 88 mm/ 22.95 x 15.2 x 3.5 in	524 x 357 x 88 mm/ 20.63 x 14.06 x 3.49 in
	Weight	7.78 kg/17.15 lb		9.18 kg/20.24 lb	7.69 kg/16.95 lb
	VESA Mount	100 x 100; 75 x 75 mm		100 x 100; 75 x 75 mm	
Environment	Operating Temperature	0 ~ 35°C / 32 ~ 95°F		0 ~ 35°C / 32 ~ 95°F	
	Storage Temperature	0 ~ 50°C / 32 ~ 122°F		0 ~ 50°C / 32 ~ 122°F	
Warranty	System	3 years		3 years	

POC-6
Point-of-Care
# Terminals

		POC-615	POC-621	POC-624
System	Processor*	Intel® Core™ i7-1185G7E (12M cache, up to 4.40 GHz) Intel® Core™ i5-1145G7E (8M cache, up to 4.10 GHz)		
	Memory (Default)	8GB DDR4 (supports up to 64GB DDR4 SODIMM)	DDR4 (supports up to 64GB DDR4 SODIMM)	
	Operating System (Optional)	Windows 10 IoT Enterprise (64 bit), Linux (support upon reques		
Storage	Primary Storage (Default)	NVMe SSD (M.2 2280)		
	Secondary Storage (Optional)	2.5" SATA SSD available	2.5" SATA SSD available (choose either 2.5" SSD or backup battery)	2.5" SATA SSD available
Display	Size	15.6 in	21.5 in	23.8 in
	Max. Resolution	1920 x 1080 Full HD		
Touch	Type	10-point P-CAP multi touch (clear glass); (optional AG/AR support upon request)		
I/O	USB 3.2 Gen 2 (Type-A)	4		
	USB 3.2 Gen 2 (Type-C)	1 (with display function/ MAX 5 V, 1.5A power output)		
	USB 2.0 (Type-A)	-	2	
	HDMI	1		
	LAN isolation, 1.5KV	2		
	Mic-In/ Line-Out	-	1/1	1/1
	COM (RS232) 1.5KV	1	1	2
Expansion Slots	PCIe x4	1 (card length: 167.65 mm/6.6 in Max)	1 (card length: 167.65 mm/6.6 in Max)	1 (card length: 167.65 mm/6.6 in Max)
	M.2 2230	1 (for Wi-Fi/Bluetooth modules)	1 (for Wi-Fi/Bluetooth modules)	1 (for Wi-Fi/Bluetooth modules)
	Mini PCIe	1 (full size)	1 (full size)	1 (full size)
Other Functions	Speaker	2 x 2W	2 x 2W	2 x 2W
	LED Book Light	2	2	2
	Camera	1 x 5 megapixel (optional)	1 x 5 megapixel (optional)	1 x 5 megapixel (optional)
	TPM 1.2/2.0	2.0 (default via fTPM –Firmware TPM)	2.0 (default via fTPM –Firmware TPM)	2.0 (default via fTPM –Firmware TPM)
Power Input	DC/AC	19V, max. 150W	DC model: 19V, max. 150W/AC model: 100 ~ 240V, max. 250W (choose either DC or AC model)	DC model: 19V, max. 150W/AC model: 100 ~ 240V, max. 250W (choose either DC or AC model)
IP Rating	Front Panel	IP65		
	System	IP43	IP54	IP54
	RFID Smart Card Reader	Optional (choose either RFID or Smart Card)		
Battery Solutions (Choose 1)	Backup Battery	Optional (choose either 1 backup battery or PCIe x4)		
	Hot-Swapping Battery Module	Not applicable	optional (choose either backup battery or battery module)	optional (choose either backup battery or battery module)
Certification	EMC & Safety	Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance	Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance	Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance
Physical Characteristics	Dimensions W x H x D	406 x 274 x 61 mm/15.98 x 10.79 x 2.4 in	524 x 357 x 62 mm/20.63 x 14.06 x 2.44 in	583 x 387 x 68 mm/22.95 x 15.2 x 2.68 in
	VESA Mount	100 x 100; 75 x 75 mm	100 x 100; 75 x 75 mm	100 x 100; 75 x 75 mm

* Intel® Celeron® processor available upon request   ** If backup battery is chosen for POC-621, neither 2.5" SSD nor battery module can also be installed

Accessories for POC-6
(Only available for
21" and 24" models)
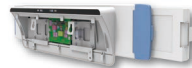
Battery Module	
Battery Type	Lithium-ion battery
Battery Capacity	90W
Total Capacity	180W (2 x batteries, 90W per battery)
Battery Runtime	6 ~ 8 hours
Battery Lifespan	300 cycles >= 70%
LED Indicator	LED indicator with button
Weight	1.8 kg/1.1 lb

POC-8
Medical Edge AI
Point-of Care Terminals

		POC-821	POC-824
Computing System	CPU	Intel® Core™ i9-13900E Processor, 24 Core, 1.8GHz (36M Cache, up to 5.20 GHz) Intel® Core™ i7-13700E Processor, 16 Core, 1.9GHz (24M Cache, up to 5.10 GHz) - Default Intel® Core™ i5-13500E Processor, 14 Core, 1.5GHz (24M Cache, up to 4.60 GHz)	
	Memory	Support DDR5 Memory up to 64GB (ECC support optional)	
	Operating System	Windows 10 IoT / Windows 11 IoT / Linux (Supported upon request) 64-bit only	
Storage	Primary Storage	Supports NVMe M.2 SSD (up to 2TB)	
	Secondary Storage (Optional)	Supports 2.5" SATA SSD (up to 1TB)	
Display	Size	21.5 / 23.8 in	
	Max. Resolution	1920 x 1050 Full HD	
Touch	Type	Projected Capacitive 10-points (Clear Glass). (AG/AR support by request)	
Graphic	MXM Graphic Module (Optional)	NVIDIA A2000 (8GB) or A4500 (16GB) MXM MSH mode module	
I/O ports	DC-In	1	
	USB 3.2 Type-A	4	
	USB 3.2 Type-C	1 x (with display function / DP ALT mode, 10 Gbps, Max.5V 3A power output)	
	HDMI 2.0	1	
	LAN (Isolation 1.5 KV)	2	
	Line-Out	1	
	Mic-in	1	
	COM (RS-232) (Isolation 1.5KV)	1	
Expansion Slots	PCIe x16	x1 (Max. card length 167.65mm, single deck / Max. power consumption 10W)	
	PCIe x4	1 (Max. card length: 167.65 mm / 6.6 in; single deck)	
	M.2 2280	1 (for NVMe M.2 SSD primary storage)	
	M.2 2230	1 (for Wi-Fi/ Bluetooth module)	
Other Functions	Speaker	2 x 2W	
	Camera (Optional)	5M pixel camera available	
	TPM	2.0	
Power Input	DC	DC input 24V (Adaptor 100~240V/AC, Max. 300W)	
IP Rating	Front Panel	IP65	
Authentication Solution	RFID (Optional)	Module as option available	
Certification	EMC & Safety Certificate	Medical CE, FCC	
		Medical, IEC 60601-1 Compliance (MDR)	
		UL 60601-1	
		CCC	
Physical Characteristics	Dimensions (W x H x D)	523.7 x 356.7 x 57 mm (20.62 x 14.04 x 2.24 in)	583.38 x 386.74 x 59.95 mm (22.97 x 15.23 x 2.36 in)
	VESA Mount	100 x 100, 75 x 75 mm	100 x 100, 75 x 75 mm
	Weight	7 kg (15.43 lb)	7.9 kg (17.42 lb)
Environment		Operating Temperature : Operating: 0 ~ 35°C Storage Temperature: 0 ~ 50°C	
Warranty		System: 3 years	

HIT
Healthcare Information Terminals

		HIT-312	HIT-315	HIT-507	HIT-512	HIT-515	HIT-518
System	Processor	Rockchip RK3399		Intel® Atom® Apollo Lake J3455	Intel® Celeron® J3455	Intel® Atom® Alder Lake N(N50/N97/N305) *	
	Memory	1 x 4GB DDR4		4GB DDR3L (up to 8GB)		8GB DDR3L (up to 16GB)	
	Storage	32G eMMC		1 x M.2 2242 SSD (up to 1TB)		1 x M.2 2242 SSD (up to 1TB)	
	Camera	2MP CMOS (optional)		5 Megapixel (optional)	2 Megapixel (optional)	5 Megapixel (optional)	
Display	Size	11.6" (16:9)	15.6" (16:9)	7"	11.6" (16:9)	15.6" (16:9)	18.5" (16:9)
	Max. Resolution	1920 x 1080	1920 x 1080	1024 x 600	1366 x 768	1920 x 1080	1920 x 1080
	Brightness	300 cd/m²	300 cd/m²	400 cd/m²	250 cd/m²	300 cd/m²	350 cd/m²
	Contrast Ratio	800:1	700:1	800:1	500:1	700:1	800:1
Touchscreen	Type	Projected capacitive		Projected capacitive		Projected capacitive	
I/O Ports	USB	2 x USB 2.0 (Side) 1 x Type-C DC in, 1 x Micro USB for debug		2 x USB 3.0		1 x USB 3.0 (rear), 2 x USB 2.0	
	COM	-		1		Yes (optional)	
	HDMI	-		1		-	
	Smart Card Reader	-	-	-	1 (optional)	1 (optional secondary reader)	
	RFID	Yes (optional)		Yes (optional)		Yes (optional)	
	SD Card Reader	-		-		-	
Audio	Speaker	2 x 2W		1 x 2W	2 X 2W	2 x 3W	
	Internal Microphone	1		1		1	
Network	LAN	1 x RJ-45 (10/100/1000 Mbit), including 1 with optional PoE+		1 x RJ-45 (10/100/1000 Mbit) with optional PoE+		2 x isolated RJ-45 (10/100/1000 Mbit), including 1 with optional PoE+	2 x isolated RJ-45 (10/100/1000 Mbit)
	WLAN	802.11 a/b/g/n/ac/ax, Bluetooth 5.2		802.11 a/b/g/ac, Bluetooth 4.1		802.11 a/b/g/n/ac/ax, Bluetooth 5.2	
Software	Operating System	Android 10/14(2025/Q1) (Linux by request)		Windows 10 IoT LTSC, Android 12 (Linux by request)		Windows 11 IoT, Android 14 (Linux by request)	
Function Keys	Hotkey	1 x Power button		1 x Power button		6 x Function key	
Nurse Call Button	Hotkey	-		-		1	
Emergency Alarm	LED Indicator	1 (optional)	1 (optional)	1	1 (optional)	1 (optional)	1 (optional)
Mechanical IP Rating Certifications Power Supply Accessories (Optional)	Mount Options	VESA 100 x 100		VESA 75 x 75		VESA 75 x 75/100 x 100	
	Dimensions (W x H x D)	294.4 x 198.3 x 24.2(27.0) mm/ 11.59 x 7.81 x 0.95 (1.06) in	382.4 x 248.3 x 22.2(25.0) mm/15.06 x 9.78 x 0.87(0.98)	193.3 x 140.9 x 37 mm/ 7.61 x 5.54 x 1.45 in	296 x 190 x 33.4 mm/ 11.65 x 7.48 x 1.31 in	400.1 x 273 x 43 mm/ 15.75 x 10.74 x 1.69 in	466.4 x 311.5 x 43 mm/ 18.36 x 12.26 x 1.69 in
	Weight	1.2 kg/2.64 lb	1.5 kg/3.3 lb	1 kg/2.2 lb/1.2 kg/2.64 lb		3.2 kg/7.05 lb	3.9 kg/8.59 lb
	Front Panel	IP65		IP65		IP65	
	Whole System	IPX3 (as IO downside)		-		-	
	EMC & Safety	Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance UL 60601-1 CCC		Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance IEC 62368, UL, CCC		Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance UL 60601-1 CCC	
	Input Voltage			100 ~ 240VAC, 1.1 ~ 0.45A @ 47 ~ 63 Hz		100 ~ 240VAC, 1.1 ~ 0.45A @ 47 ~ 63 Hz	
	Output Voltage	Medical: 15VDC 3A, USB-C		ITE/medical 12VDC, 3A		Medical 18~19VDC, 3.42A	
	Handset	-		Yes (via add-on module)		Yes (via add-on module)	
	MSR	-		-		Yes (optional)	
	Arm Support	Wall/ceiling mounted		Wall mounted		Wall/ceiling mounted	
	Table Stand	Yes		Yes		Yes	

USM
Medical Edge AI Computers

		USM-500	USM-500 IGX	USM-300	USM-100
System	Processor	Intel 14th Gen Processor (i3/i5/i7 TDP 65W)	12-core Arm® Cortex® -A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3	Intel 13th Gen Processor (i3/i5/i7 TDP 65W)	Intel 12th Gen Processor (i5/i7)
	Memory	4 slots U-DIMM sockets support up to 128GB DDR5 4800MHz	64GB 256-bit LPDDR5	2 slots SO-DIMM sockets support up to 64GB DDR5 4800MHz	8GB DDR5 (supports up to 32GB DDR5 SODIMM)
	Operating System	Windows 10 LTSC/ 11 Linux and windows 2021 server (By project base)	Linux/Redhat	Windows 10 LTSC/ 11 Linux and windows 2021 server (By project base)	Win10 LTSC, Win 11 Pro, Ubutu 20.04
Storage	Storage	2.5" SATAIII 5KRPM 128M up to 2TB	2.5" SATAIII 5KRPM 128M up to 2TB	2.5" SATAIII 5KRPM 128M up to 2TB	NVMe M.2 SSD 256GB (Max. support 2TB)
I/O	HDMI	1	-	1	1
	DisplayPort	2	1		
	LAN	4	4	2	2
	RS232	1	-	1 (optional)	1
	USB	12 (7 x USB 3.2 Type-A (2 front,5 rear)/1 x USB 3.2 Type-C/4 x USB 2.0 Type-A)	5 (4 x USB 3.2 Type-A/1 x USB 3.2 Type-C)	7 (4 x USB 3.2 Type-A (rear)/1 x USB 3.2 Type-C(rear)/2 x USB 2.0 Type-A (front))	5 (4 x USB 3.1 Gen2 (Type-A)/ 1 x USB 3 Type-C)
	Audio	3 (Line-in/Line-out/Mic-in)	2 (Line-out/Mic-in)	2 (Line-in /Line-out)	
	Reset	-	-	-	-
	DC/AC	AC 100~240V, 900W	AC 100~240V, 900W	AC 100~240V, 360W	
	Power Indicator	Power Button	Power Button	Power Button	Power Button
	HDMI	1 x HDMI 2.0a	-	1 x HDMI 2.0a	1 (supports 4K)
	DisplayPort	2	1		
	eDP	1	-		
Network	BlueTooth		Optional Bluetooth 5.3		BT5.3 (option)
	WLAN		Optioanl Wi-Fi 6		
	RJ-45	4	4	2	
	M.2	2	2	2	
	PCIe x1	-	-	-	
	PCIe x4	4GB/s per direction	-	4GB/s per direction	
	PCIe x8	8GB/s per direction	1		
	PCIe x16	16GB/s per direction	1	16GB/s per direction	
	Other	-	-	-	-
Physical Characteristics	Dimensions (L x W x H)	320 x 329.5 x 145 mm	320 x 329.5 x 145 mm	270 x 305 x 100/50 mm	169.5 x 230.6 x 43 mm
	Weight	10 kg	10 kg	7 kg	1.5 kg
	Mounting	-	-	-	-
Power Input/Output	DC/AC	Input Voltage: internal PSU 100-240V 8-4A 60-50 Hz, maximum output power 900W Output Voltage: +3.3, 20A; +5V 20A; +12V1, 16A; +12V2, 16A; +12V3 16A; +5Vsb, 3A; -12V, 0.5A; -5V, 0.2A	Input Voltage: internal PSU 100-240V 8-4A 60-50 Hz, maximum output power 900W Output Voltage: +3.3, 20A; +5V 20A; +12V1, 16A; +12V2, 16A; +12V3 16A; +5Vsb, 3A; -12V, 0.5A; -5V, 0.2A	Input Voltage (TBD): internal PSU 100-240V 8-4) 47~63 Hz, maximum output power 360W	96W, DC:12V, LOCK PLUG, Medical grade
Environment	Operating Temperature	0 ~ 35°C (32 ~ 95°F)	0 ~ 35°C (32 ~ 95°F)	0 ~ 35°C (32 ~ 95°F)	0 ~ 35°C (32 ~ 95°F)
	Storage Temperature	-40 ~ 70°C (-40 ~ 156°F)	-40 ~ 70°C (-40 ~ 156°F)	-40 ~ 70°C (-40 ~ 156°F)	-40 ~ 70°C (-40 ~ 156°F)
Certifications	EMC & Safety	Medical CE, FCC, EN 60601-1 Compliance, UL 60601-1	Medical CE, FCC, EN 60601-1 Compliance, UL 60601-1	Medical CE, FCC, EN 60601-1 Compliance, UL 60601-1	Medical CE, FCC, EN 60601-1 Compliance, UL 60601-1
Warranty		2 years	2 years	2 years	2 years

PAX-1
Medical Displays
-Clinical Series

		PAX-121(M & F model)	PAX-124(M & F model)	PAX-127
LCD	Screen Size	21.5"	23.8"	27"
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Aspect Ratio	16:09	16:09	16:09
	Pixel Pitch	0.82 x 0.24 mm	0.27 x 0.27 mm	0.31x 0.31 mm
	Viewing Angle	178°/ 178°	178°/ 178°	178°/ 178°
	Contrast Ratio	1000:1	1000:1/3000:1	1000:1
	Native Luminance (Type)	250 cd/m²	250/350 cd/m²	300 cd/m²
	Color Depth	16.7M (6-bit + A-FRC)	16.7M (8-bit)	16.7M (8-bit)
	Display Mode	Transmissive Mode, Normally black	Transmissive Mode, Normally black	IPS
	Response Time	14 ms (Typ, on/off)	15 ms (Tr + Tf)/16 msec (Typ, G/G)	14 ms (Tr + Tf)
	Touch Screen	PCAP (optional)	PCAP (optional)	PCAP (optional)
Input	DP 1.2 input	1	1	1
	HDMI 1.4 Input	1	1	1
	DVI Input	1	1	1
	USB Up	1	1	1
	Audio Input	1	1	1
Optional Input	AVAS Ndcoder	2 x SFP+ Module	2 x SFP+ Module	2 x SFP+ Module
Output	HDMI 1.4 Output	1	1	1
	USB Type-A			2
	Audio Output	1	1	1
Power	Rating	DC 12V/24V, 5.42 A max.	DC 12V/24V, 5.42 A max.	DC 12V/24V, 2.53 A max.

PAX-3
Medical Display
-Surgical Series

Model		PAX-324	PAX-327		PAX-332	
		FHD	FHD	4K	FHD	4K
LCD	Screen Size	24.1" (518.4 x 324.0 mm)	27" (597.89 x 336.31 mm)	27" (596.16 x 335.34 mm)	31.55" (698.4 x 392.9 mm)	32" (708.48 x 398.52 mm)
	Resolution	1920 x 1200	1920 x 1080	3840 x 2160	1920 x 1080	3840 x 2160
	Aspect Ratio	16:10	16:09	16:09	16:09	16:09
	Pixel Pitch	0.270 x 0.270 mm/0.010 x 0.010 in	0.3114 x 0.3114 mm	0.15 x 0.15 mm	0.36 x 0.36 mm	0.18 x 0.18 mm
	Viewing Angle	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
	Contrast Ratio	1000:1	1000:1	1000 : 1 / 1300:1	1200:1	1500:1
	Native Luminance	350/900 cd/m²	300/1000 cd/m²	350/800 cd/m²	450 cd/m²	850 cd/m²
	Color Depth	8-bit 16.7M/10-bit 1.07B colors		10-bit 1.07B colors	8-bit 16.7M colors	10-bit 1.07B colors
	Display Mode	AHVA	IPS/AHVA	AHVA	IPS	IPS
	Response Time	14ms (G to G)/14ms (Tr + Tf)/14ms (G to G)/ 16ms (Tr + Tf)			25ms (G to G)	20ms (Tr + Tf)
	Touchscreen	10-point PCAP (optional)	10-point PCAP (optional)	10-point PCAP (optional)	10-point PCAP (optional)	10-point PCAP (optional)
Input	DP 1.2 Input	1	1	1	1	1
	HDMI 2.0 Input	1	1	1	1	1
	HDMI 1.4 Input	-	-	-	-	-
	DVI Input	2	2	2	2	1
	SDI1 Input	1	1	-	1	-
	S-Video Input	1	1	-	1	-
	Video Input	1	1	-	1	-
	USB(Touch)	1	1	1	1	1
	USB Down	-	-	-	-	-
	RS-232C	1	1	1	1	1
	DC Power Input	1	1	1	-	-
Optional Input	RGB Input	1 (by model)	1 (by model)	-	1 (by model)	-
	Audio Input	1 (by model)	1 (by model)	-	-	-
	AVAS NDcoder	1 x SFP+ module, 1 x LAN RJ-45 jack by model	1 x SFP+ module, 1 x LAN RJ-45 jack by model	1 x SFP+ module, 1 x LAN RJ-45 jack by model	1 x SFP+ module, 1 x LAN RJ-45 jack by model	1 x SFP + Port
	SDI Input	1, available upon request	1, available upon request	3Gx4 and 12G	-	3Gx4 and 12G
Output	DVI Output	2	2	-	2	1
	SDI1 Output	1	1	3Gx4 and 12G	1	3Gx4 and 12G
	S-Video Output	1	1	-	1	-
	Video Output	1	1	-	1	-
	DP 1.2 Output	-	-	1	-	1
	HDMI 2.0 Output	-	-	1	-	1
	DC Power Output	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC
Optional Output	Audio Output	1 (by model)	1 (by model)	-	1 (by model)	-
	SDI2 Output	1*	1*	-	1*	1*
Environment	Operating Temperature	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F
	Storage Temperature	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F
	Operating Humidity	Ta = 40°C/104°F, 90% RH	Ta = 40°C/104°F, 90% RH	Ta = 40°C/104°F, 90% RH	Ta = 40°C/104°F, 90% RH	Ta = 40°C/104°F, 90% RH
	Storage Humidity	5 ~ 90%	5 ~ 90%	5 ~ 90%	5 ~ 90%	5 ~ 90%
	Pressure	500 ~ 1013 hPa	500 ~ 1013 hPa	500 ~ 1013 hPa	500 ~ 1013 hPa	500 ~ 1013 hPa
Power	Rating	DC 24V, 4.16 A max.	DC 24V, 4.16 A max.	DC 24 V, 6.25 A max.	DC 24V 10.41A max.	DC 24V 10.41A max.
	Consumption	65W max. (typical)	80W max.	100.4W max	80W max.	168.5W max.
Physical Characteristics	IP Rating	Front panel: IP65; top: IPX1				
	VESA Mount	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in
	Dimensions (W x D x H)	578.13 x 68 x 402.78 mm/22.76 x 2.67 x 15.85 in	663.83 x 73.55 x 418.11 mm	663.83 x 73.55 x 418.11 mm	768.99 x 79.55 x 484.03 mm	768.67 x 70.50 x 477.71 mm
	Weight	7.2 ~ 7.85 kg/15.87 ~ 17.3 lb	10 kg max.	10.36 kg max.	12.5 kg max.	13.26 kg max.
Certifications	EMC & Safety	CE,FCC,CCC,MDR (EN60601-1; EN60601-1-2), RoHS III				
Warranty	3 Years	3 years	3 years	3 years	3 years	3 years
Accessories	Power	1 x Power adapter	1 x Power adapter	1 x Power adapter	1 x Power adapter	1 x Power adapter

Spec change without prior notice
*Configurable upon request

Model		PAX-332 3D	PAX-355	PAX-365
		3D 4K	4K	4K
LCD	Screen Size	32" (708.48 x 398.52 mm)	55" (1209.6 x 680.4 mm)	65" (1480 x 900 mm)
	Resolution	3840 x 2160	3840 x 2160	3840 x 2160
	Aspect Ratio	16:09	16:09	16:09
	Pixel Pitch	0.1845 x 0.1845 mm	0.315 x 0.315 mm	0.37 x 0.37 mm
	Viewing Angle	178°/178°	178°/178°	178°/178°
	Contrast Ratio	1500:1	1100:1	1100:1
	Native Luminance	850 cd/m²	700 cd/m²	700 cd/m²
	Color Depth	10-bit 1.07B Colors	10-bit 1.07B Colors	10-bit 1.07B Colors
	Display Mode	AHVA	IPS	IPS
	Response Time	20ms (Tr + Tf)	8ms (G to G)	8ms (G to G)
	Touchscreen	10-point PCAP (optional)	10-point PCAP (optional)	10-point PCAP (optional)
Input	DP 1.2 Input	1	1	1
	HDMI 2.0 Input	1	1	1
	HDMI 1.4 Input	-	-	-
	DVI Input	1	1	1
	SDI1 Input	2 x 12G (optional)	1	1
	S-Video Input	-	-	-
	Video Input	-	-	-
	USB(Touch)	1	1	1
	USB Down	-	-	-
	RS-232C	1	1	1
	DC Power Input	-	-	-
Optional Input	RGB Input	-	1 (by model)	1 (by model)
	Audio Input	-	1 (by model)	1 (by model)
	AVAS NDcoder	-	1 x SFP + Port	1 x SFP + Port
	SDI2 Input	-	3Gx4 and 12G	3Gx4 and 12G
Output	DVI Output	1	1	1
	SDI1 Output	2 x 12G (optional)	3Gx4 and 12G	3Gx4 and 12G
	S-Video Output	-	-	-
	Video Output	-	-	-
	DP 1.2 Output	-	1	1
	HDMI 2.0 Output	-	1	1
	DC Power Output	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC	1 x DC jack, 5V or 12VDC
Optional Output	Audio Output	-	1 (by model)	1 (by model)
	SDI2 Output	-	-	-
Environment	Operating Temperature	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F	5 ~ 40°C/41 ~ 104°F
	Storage Temperature	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F	-20 ~ 60°C/-4 ~ 140°F
	Operating Humidity	Ta = 40°C/104°F, 90% RH	Ta = 40°C/104 °F, 85% RH	Ta = 40°C/104 °F, 85% RH
	Storage Humidity	5 ~ 90%	Ta = 40°C, MAX 85% RH	Ta = 40°C, MAX 85% RH
	Pressure	500 ~ 1013 hPa	500 ~ 1013 hPa	500 ~ 1013 hPa
Power	Rating	DC 24V 10.41A max.	AC 100-240V, 50-60HZ, 6-3 A	AC 100-240V, 50-60HZ, 6-3 A
	Consumption	168.5W max.	125.5W /171.6W max. by model	125.5W /250W max. by model
Physical Characteristics	IP Rating	Front panel: IP65; top: IPX1	-	-
	VESA Mount	100 x 100 mm/3.93 x 3.93 in; 75 x 75 mm/2.95 x 2.95 in	600 x 400 mm	600 x 400 mm
	Dimensions (W x D x H)	768.67 x 70.50 x 477.71 mm	1279.0 x 75.0 x 747.4 mm	1279.0 x 75.0 x 747.4 mm
	Weight	13.26 kg max.	40.0 kg	55.0 kg
Certifications	EMC & Safety	CE,FCC,CCC,MDR (EN60601-1; EN60601-1-2), RoHS lll		
Warranty	3 Years	3 years	3 years	3 years
Accessories	Power	1 x Power adapter	-	-

Spec change without prior notice

Note: Images are not scaled proportionally

Product Selection Guide

AVAS-200 Series
Medical Grade 4Kp60 Video Encoder/Decoder

		AVAS-212S	AVAS-223
Video	Output Resolution	Up to 4K UHD , uncompressed	
	Direct Display	Up to 4K UHD	
	Seamless Switching	Uncompressed video, latency < 1 ms	
	MultiView	Latency < 1 ms	
	Seamless Switching	Single, Picture-in-Picture, Side-by-Side, Quad view	
Audio		Analog audio in/out	
10G Network	Module	10GbE SFP+	10GbE SFP+ x2 (Dual Link) (optional for single link)
I/O	Video Interface	HDMI in (Encoder) /HDMI out (Decoder)	HDMI in (Encoder) /HDMI out (Decoder)
	USB Host	2 x USB 2.0 (Type-A)	
	USB Device	1 x USB 2.0 (Type-B)	
	Audio Input & Output	1 x 3.5 mm audio-in + 1x 3.5 mm audio-out (stereo)	
	DC Input	External PSU, 100~240V AC in / 12V@2.5A DC out	
Environmental		Operation temperature 0 ~ 40°C	
		Storage temperature -10 ~ 50°C	
Dimension		145.5 x 110 x 30.5 mm	168 x 136.3 x 30 mm

AVAS-400 Series
Medical Grade 4K UHD Video Recorder

		AVAS-402
Video	Input Resolution	Up tp 4K UHD (Capture)
	Output Resolution	Up to 4K UHD (Graphic engine)
	Compression Format	MPEG2, H.264, H.265
	Capture I/O (Optional)	UHD: HDMI 2.0 FHD: Y/PbPr, CVBS, S-Video, SDI, DVI
Audio		2 x Mic-in/ Line-out
System	CPU*	14th Gen Intel® Core™ i5/i7 Processor (i5/i7)
	Memory*	4 x U-DIMM sockets with support up to 128GB DDR5 4800MHz
	HDD*	1TB 2.5"
I/O	Display Interface	1 x HDMI, 2 x Display Port
	USB Host	12 (7 x USB 3.2 Type-A (2 front, 5 rear) /1 x USB 3.2 Type-C /4 x USB 2.0 Type-A)
	Ethernet	2 x RJ-45 GbE
	COM	1 x RS-232
	Audio In/Out	2 for Audio in/out 3.5mm stereo jack connectors
	Power	900W medical internal PSU, 100-240V AC in
Environmental		Operation temperature 0 ~ 40°C
		Storage temperature -10 ~ 50°C
Dimension (W x D x H)		320 x 145 x 329 mm
SDK Function		Streaming control, capture, recording, streaming, playback, editing, and tools

*Configurable upon request

AVAS-60 Series
Mobile Surgical Video Workstation

		AVAS-60E
Base Cart		
Dimension & Weight	Footprint	626 x 819 mm
	Height Adjustment Range	1800 ~ 2600 mm
	Gross Weight	100 ~ 160 kg*
	Display Holder	Standard VESA Mount (75/100)
	Accessory Integration Interface	Device Storage box
Archiving & Streaming System		
Video	Input Resolution	Up to 4K UHD (optional by capture)
	Output Resolution	Up to 4K UHD (graphics engine)
	Compression Format	MPEG2, H.264, H.265 (record into HD & streaming out)
Streaming	Uncompress Format	Up to 4 channels (2 x cameras, 2 x externals)
I/O	Video Input	HDMI (convertor required for different input source)
	Audio Input & Output	2 (Mic-in/ Line-out)
	Network	4 x 10GbE SFP+, 1 x RJ-45 GbE (depends on quantity of streaming devices and controllers)
Host System (Depends)	CPU	9th Gen Intel® Core™ i7 Processor
	Memory	16G
	HDD	1TB 2.5" SSD or HDD
Camera		
Panoramic View	Output Resolution	FULL HD
	Image Sensor	1/2.8" 1080p 60fps Exmor CMOS
	Camera Control	PTZ
	Zoom Ratio	Optical 12X
Surgical Field	Resolution	4K UHD
	Image Sensor	1/2.5" 2160p 60fps Exmor CMOS
	Zoom Ratio	Optical 12X
Medical Display		
Surgical Display	Display Size	2 x 24" FHD or 2 x 27" FHD/4K
Touch Controller		
Touch Display	Display Size	1 x 15.6" Touch LCD

AVAS-800 Series
Digital OR In-Wall Streaming Console

		AVAS-865
Display	Touch Panel	65" P-Cap, 10-point mutli-touch
	Aspect Ratio	16:9
	Resolution (Max.)	4K UHD 3840 x 2160
	Video Input	1 x DP, 1 x HDMI
	DICOM / Gamma	DICOM GSDF Part 14 calibration and a Gamma=2.2 calibration
	Contrast Ratio	1100:1
	Response Time	8ms
Peripherals	Speaker	2 x 10W speaker
	Microphone	1 x Mic array module
	Camera	1 x FHD webcam (1920 x 1080)
Computing System (Optional)	Mainboard	ATX x86 Main Board
	CPU	4th / 5th Gen Intel® Xeon Scalable Processor
	Storage	1TB
	Memory	2 x 16GB, DDR5 ECC-REG 4400/4800 MHz RDIMM
	PCIe Slot	3 x PCIe x16 Gen5, 2 x PCIe x8 Gen5, 1 x PCIe x4 Gen5, and 1 x PCIe x1 Gen3
	M.2	1 x M.2 2280/22110 B/M-Key (SATA and PCIe)
	GPU (Optional)	NVIDIA RTX graphics or equivalent
	Capture Input (Optional)	4ch 4Kp60 HDMI, 4ch 3G-SDI, or 2ch hybrid HDMI/DVI/ VGA/S-Video/YPbPr
Physical and Environmental	Cooling	Fan
	Operating Temp.	0°C to 40°C
	Operating Humidity	40°C @ 85%RH non-condensing
	Power	Power Supply Input 100 ~ 240V/50-60Hz, Max 2500W, 10A, 250AC
	Dimensions (W x D x H)	1,632 x 1,056 x 150 mm (Subject to Change)

Product Selection Guide

AMiS Computerized Medical Carts

Model	AMiS-50E Heavy-Duty Cart	AMiS-30EM Light-Duty Motor Cart	AMiS-30EG Light-Duty Gas Spring Cart
Base Cart			
Work surface	18.5 x 19.3 in (469.9 x 489.9 mm) Extra loading capacity: Up to 66 lb /30 kg	490 x 470 mm/ 19.2 x 18.5 in Extra loading capacity: up to 15 kg /33 lb	490 x 470 mm/19.2 x 18.5 in Extra loading capacity: Up to 15 kg/33 lb
Footprint	500 x 470 mm/ 19.7 x 18.5 in	512 x 482 mm/ 20 x 19 in	512 x 482 mm/20 x 19 in
Casters	125 x 125 mm (Anti-Static Medical casters, two locking, two non-locking)	125 X 125 mm (Medical casters, two locking, two non-locking)	125 x 125 mm (medical casters, two locking, two non-locking)
Height Adjustment	Electronic lift height range 864 ~ 1164 mm / 34 ~ 46 in	Electronic lift height range 868 ~ 1168 mm /34 ~ 46 in	Gas Spring lift Work Surface Height Range 868 ~ 1168 mm/34 ~ 46 in
Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 18 kg	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 12 kg/27 lb	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 12 kg/27 lb
I/O Ports	4 x USB3.0 ports, 1 x Gigabit Ethernet Interface (RJ-45)	4 x USB 3.0; 2 x USB 2.0	N/A
Dashboard	Battery & computer power button LED for battery capacity indication	Battery & computer power button LED for battery capacity indication	N/A
Keyboard & Mouse Area	Keyboard size: up to 380 x 140 x 25 mm Keyboard LED light Mouse tray	Keyboard size: Up to 380 x 140 x 24 mm Keyboard LED light Mouse tray	Keyboard size: Up to 380 x 140 x 24 mm Mouse tray
Accessory Extend Used	Neck: Dove Tail Work Surface: DIN-Rail (Right, Left and Rear)	Mouse Holder, Barcode Scanner Holder,Keyboard Tray, Basket, Trash Can and more	Mouse Holder, Barcode Scanner Holder, Basket, Trash Can and more
Power Module			
Battery Type	LiFePo4	LiFePo4	
Battery Capacity	400 Wh	180 Wh (2 x 90 Wh) standard.	
Power Input Voltage	100-240Vac, 50-60H, Max 4.5A	100 ~ 240VAC, 50 ~ 60H	
DC Output Voltage	System 1: 19 VDC, Max. 9.2A System 2: 12 VDC, Max. 5A	Adj 12/19/24 V for 100W max system total	
Battery Life SPAN	Capacity 80%, 2000cycles or 2 years	70% capacity, 500 cycles for 1 year	
Battery Charge Time	< 3Hr 400Wh	<3Hr 80% (2 x battery packs)	
Battery Runtime (Depends)	8 ~ 10 Hours	6hrs (2 x battery packs) or 9 hrs (3 x battery packs), when whole system under 30wh power consumption	
All-in-One Computer (Optional)	Compatible with POC series		

AMiS DIY Light Duty Cart

Model	AMiS-30EP Light-Duty Pole Cart	AMiS-30EL Light-Duty Laptop Cart	AMiS-30ELP Light-Duty Pole Neck Cart
Base Cart			
Surface	590 x 588 mm/ 23.2 x 23.1 in Extra loading capacity: Up to 10 kg/22 lb	590 x 588 mm/ 23.2 x 23.1 in Extra loading capacity: Up to 10 kg/22 lb	590 x 588 mm/ 23.2 x 23.1 in Extra loading capacity: Up to 10 kg/22 lb
Footprint	512 x 482 mm/20 x 19 in	512 x 482 mm/20 x 19 in	512 x 482 mm/20 x 19 in
Casters	125 x 125 mm (medical casters, two locking, two non-locking)	125 x 125 mm (medical casters, two locking, two non-locking)	125 x 125 mm (medical casters, two locking, two non-locking)
Height Adjustment	Fix	Gas Spring lift Work Surface Height Range 800 ~ 1200 mm/31.5 ~ 47.25 in	Gas Spring lift Work Surface Height Range 800 ~ 1100 mm/31.5 ~ 47.24 in
Display / Laptop Holder	Standard VESA Mount (VESA 75 x 75; VESA 100 x 100); Weight capacity: max. 27 lb / 12 kg	Supports up to 16.3" laptop	VESA: Standard 75 x 75; 100 x 100 mm; Weight capacity: max. 10 kg/ 22 lb
Weight	15 kg /33 lb	20 kg/44 lb	20 kg/44 lb
Height	1400 mm	Max. 1200 mm	Max. 1100 mm
Peripherals	Mouse Holder, Barcode Scanner Holder,Adapter Holder,Keyboard Tray, Basket, Trash Can and more	Mouse Holder, Barcode Scanner Holder,Adapter Holder, Basket, Side Table	Mouse & Barcode Scanner & Adapter Holder, Basket, Din Rail, Basket, Side Table
All-in-One Computer (Optional)	Compatible with POC series	Compatible with under 16" Laptop	Suggest Bundle with POC-421 Battery Model

AMiS
Telehealth &
Tele-mentoring Carts

Model		AMiS-72 Telehealth Cart	AMiS-90 Surgi Boom Arm Cart	
Base Cart	Work surface	18.5 x 19.3 in (469.9 x 489.9 mm) Extra loading capacity: Up to 66 lb/30 kg		
	Footprint	19.7 x 18.5 in (500 x 470 mm)	24.6 x 32.2 in (626 x 819 mm)	
	Casters	125 x 125 mm (Anti-Static Medical casters, two locking, two non-locking)	125 x 125 mm (Anti-Static Medical casters)	
	Height Adjustment	Electronic lift height range 864 ~ 1164 mm / 34 ~ 45.8 in	Electronic lift height range 180 ~ 260 cm	
	Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 10 kg	Standard VESA Mount (75/100) Weight capacity: Max. 18 kg Can Default POC series	
	Dashboard	Battery power button Computer power button LED for battery capacity indication	Battery power button Computer power button LED for battery capacity indication	
	Keyboard & Mouse Area	Keyboard size: Up to 380 x 140 x 25 mm Keyboard LED light Mouse tray	NA	
	Peripherals	Neck: Dove Tail Work Surface: DIN-Rail (Right, Left and Rear)	Rear / Front Storage Cabinet	
Power Module	Battery Type	LiFePo4	LiFePo4	
	Battery Capacity	400 Wh	400 Wh	
	Power Input Voltage	100-240Vac, 50-60H, Max 4.5A	100-240 VAC, 50-60H, Max Max 4.5 A	
	DC Output Voltage	System 1: 19 VDC, Max. 9.2 A System 2: 12 VDC, Max. 5 A	System 1: 19 VDC, Max. 6 A System 2: 12 VDC, Max. 5 A	
	Battery Life SPAN	Capacity 80%, 2000cycles or 2 years (Depends on which term come first)	Capacity 80%, 2000 cycles or 2 years (depending on which comes first)	
	Battery Runtime (Depends)	8~10 Hours	8~10 Hours	
Accessory		Full HD PTZ Cam, Speak	Full HD PTZ CaM, Boom Cam, Speakerphone	
All-in-One Computer (Optional)		Compatibility with the POC Series	Compatibility with the POC Series	

Product Selection Guide

AMiS eMedication Solutions

Model		AMiS-810 RFID Setting Station
Bin Setting Station	Weight	2.8 kg
	Station Dimensions	240 x 355 x 200 mm (±30mm)
	Connected Interface	USB 2.0
	Open API Supported Language	C#, Visual basic
	Supported Operation System	Windows Based
	Setting Instruction	Set up the RFID Bin on the setting plate
	RFID Bin	ISO 15693 (NFC)
	Bin Dimensions	95 x 295 x 60 mm
All-in-One Computer (Optional)		Compatibility with the POC Series

Model		AMiS-850T Compact Automated Dispensing Cabinet
e-Medication Box	Level	4 level
	Weight	<20 kg
	Box Dimensions	470 x 380 x 410 mm (±10mm)
	Bin Dimensions	95 x 295 x 60 mm (±10mm)
	Designs of Bins	16 single RFID (Default)
	Lock-Electronic	Electronic (individual) lock on each bin, controlled by PC
	Lock-Mechanism	Manually open all the bins by key
	Power Requirement	12V DC, 5A max
	Operating Temperature	-10 ~ 40°C
	Storage Temperature	-30 ~ 70°C
	SDK Support	C#, VB
	Operating System	Windows Based
	Transmission Interface	USB Interface (virtual com port)
	Certification	CE, FCC, EN 62368-1
	RFID Protocol	ISO 15693 (NFC)
All-in-One Computer (Optional)		Compatibility with the POC Series

Model		AMiS-830 Unit Does Medication Cart
Medication Cart	Level	8
	Weight	65 kg
	Cart Dimensions	868 x 443 x 1137 mm
	Bin Design	48 RFID bins + 2U drawer
	Bin Dimensions	95 x 295 x 60 mm
	Lock Mechanism	All Lock (Digital lock)
	Material	ABS, Aluminum, SPCC
	Connected Hook (Optional)	Mazimum available 100 kg
	RFID Bin	ISO 15693 (NFC)

Model		AMiS-850C Medication Cart
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	34 ~ 45.8 in (864~1164 mm) Stroke 300 mm
	Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 18 kg
	Dashboard	Battery power button Computer power button LED for battery capacity indication
	Work Surface	18.5 x 19.3 in (469.9 x 489.9 mm) extra loading capacity: up to 66 lb /30 kg
	Keyboard & Mouse Area	Keyboard size: Up to 380 x 140 x 25 mm Keyboard LED light Mouse tray
	Accessory Intergration Interface	Neck: Dove Tail Work Surface: DIN-Rail (Right, Left and Rear)
Power Module	Battery Type	LiFePo4
	Battery Capacity	400 Wh
	Power Input Voltage	100-240Vac, 50-60H, Max 4.5A
	DC Output Voltage	System 1: 19 VDC, Max. 9.2 A System 2: 12 VDC, Max. 5 A
	Battery Life SPAN	Capacity 80%, 2000cycles or 2 years (Depending on which comes first)
	Battery Runtime	8~10 Hours
e-Medication Box	Designs of Bins	4 level, 16 single RFID bins (default)
	Box Dimensions	470 x 380 x 410 mm (±10mm)
	Lock-Electronic	Electronic (individual) lock on each bin, controlled by PC
	Lock-Mechanism	Manually open all the bins by key
	Operating System	Windows Based
	Transmission Interface	USB Interface (virtual com port)
	Certification	CE, FCC, EN 62368-1

AMiS eMedication Solutions

Category		AMiS-870 Satationary Automated Dispensing Cabinet
Stationary ADC	Level	12 level
	Weight	120± 5 kg
	Box Dimensions	960.6 x 471.6 x 1137.5 ± 10mm
	Bin Dimensions	W 95 x L 295 x H 60 (mm) ± 10mm
	Bin Design	12 level with 96 Single RFID (Default)
	Lock-Electronic	Electronic (individual) lock on each bin, controlled by PC
	Lock-Mechanism	Manually open all the bins by key
	Power Requirement	12~15V DC, 8A max
	Operating Temperature	-10 ~ 40°C
	Storage Temperature	-30 ~ 70°C
	SDK Support	C#, VB
	Operating System	Windows Based
	Transmission Interface	USB Interface (virtual com port)
	RFID Protocol	ISO 15693 (NFC)
All-in-One Computer (Optional)		Compatibility with the POC Series

iPS LiFePO4 Battery

Category		iPS-M420P Intelligent Power Storage System
Power Supply	BatteryType	LiFePo4
	Battery Capacity	400 Wh
	Battery Lifespan	Capacity 80%, 2000 counts or 2 years (Depends on whichever occurs first)
	Charge Time	< =3hr.400Wh
	Input Voltage	100 ~ 240 VAC, 50 ~ 60 Hz, Max 4.0A
	DC Output Voltage	System 1: 24V/19 VDC, Max. 9.2 A System 2: 12 VDC, Max. 5 A
	Charging Status Indicators	LEDs with continuous readout; intelligent software
I/O Ports	DC Output Interface	DC jack (4-pin locking mini-din connector)
	Communication Interface	RS-232
Environment	Vibration	5 ~ 500 Hz,1 G
	Operating Temperature	30°C
	Cooling System	Fanless
	Water Resistance	IP67 DC output connector
Physical Characteristics	Dimensions	282 x 260 x 101 mm (11.1 x 10.2 x 3.9 in)
	Weight	8.5 kg
Certifications		IEC 60601-1 Compliance, CE, FCC Class B Certified, CCC

AMiS medTRx Software

Function	SDK/API	Standard	Enterprise
Architecture & Integration			
Admin Data Management		Local	Centralized
HL7 Interfaces (ADT/RDE)			●
Main Features			
Medication Box Operations			
Bin Setting	Can read BIN ID	Local BIN setting	Centralized BIN setting (by 810)
Dispense / Refill	Eject BIN & read BIN Status by SDK	●	●
Switch		●	●
Return / Waste	X	Manual key-in	Real-time update
Low in Stock	X	Local HW Inventory	Centralized
Synchronize			
Single Scan Refill (ADC to Cart)	X	X	●
Remote Dispense Order (from Cart)	X	X	●
Activity Log & History			
Bin Setting History	X	●	●
User Activity History	X	●	●
Inventory Log	X	●	●
Dispensing Log	SDK	●	●

AMiS Medical Cart Accessories

1U Medication Box
AMiS-M11XXXX-01BE

2U Medication Box
AMiS-M211XXXX-01BE

4U Medication Box
AMiS-M41111XX-01BE

Storage Baskets
AMiS-60-BK-00-AE

Keyboard Tray
AMiS-30E-KB-01-AE

Barcode Scanner Holder
AMiS-30E-BS-00-AE

Mouse & Barcode Scanner Holder
AMiS-30E-MB-00-AE

Mouse Holder
AMIS-50-MH-00-AE

Medical Tablets

		AIM-68H	AIM-75H	AIM-78H	AIM-89H	MIT-W102
System	Processor	Intel® Alder Lake-N N200 Quad-core, 6M Cache up to 3.70 GHz	Qualcomm SDA660 (up to 2.2GHz)	Qualcomm SDA660 / SDM660 (up to 2.2GHz)	Intel® CoreTM i5-1145G7E Quad-core, 1.5 GHz, 8M Cache up to 4.10 GHz	Intel® Pentium® N4200 Quad-core 1.1GHz burst frequency 2.5GHz
	Memory	8GB LPDDR5	4GB LPDDR4X	4GB LPDDR4X	8GB DDR4	4GB/8GB LPDDR4
	OS	Windows 10/11 IoT Enterprise	Android 12 Android Enterprise Recommended certification	Android 13	Windows 10/11 IoT Enterprise (Linux OS optional)	Windows 10 IoT Enterprise LTSC (Linux OS optional)
Storage	eMMC	-	64 GB	64 GB	256 GB (m.2)	-
	Micro-SD	-	Up to 2 TB	Up to 2 TB	-	-
	SSD	128/256 GB (m.2 NVMe)	-	-	-	64/128 GB (m.2 SSD)
Display	Type	10.1" LCD	8" IPS LCD	10" IPS LCD	13.3" IPS LCD	10.1" TFT LCD
	Resolution	WUXGA 1920 x 1200	WUXGA 1920 x 1200	WUXGA 1920 x 1200	WUXGA 1920 x 1200	1920 x 1200
	Brightness	800 cd/m²	400 cd/m²	380 cd/m²	400 cd/m²	
	Touch Type	10-point multi-touch P-CAP touch control	10-point multi-touch projected capacitive	10-point multi-touch P-CAP touch control		Multi-point projected capacitive touch
	Glass Type	Corning® Gorilla® Glass 3 Anti-Fingerprint, Anti-Glare				Enhanced glass with anti-glare coating
Communication	WLAN	IEEE 802.11 a/b/g/n/ac/ax (Wi-Fi 6E)	IEEE 802.11 a/b/g/n/ac/k/v/r		Normal (support under water puddle), Glove	Wireless IEEE 802.11a/b/g/n/ac
	Bluetooth	Bluetooth® v5.3	Bluetooth® v5.0 + BLE		Bluetooth® v5.2	Bluetooth V5.0, V4.2, V4.1, V4.0 LE, V3.0+HS, Bluetooth V2.1+EDR system
	NFC	13.56 MHz, compatible with ISO15693, ISO14443A, ISO 14443B, FeliCa			-	ISO 15693, ISO 14443A/B, FeliCa, MIFARE, Tag-it, My-D, M24LRXX, I code 2 (optional)
Connectivity	Standard I/O	1 x Type-C (Charging & DP), 1 x Type-A, 1 x combo audio jack, 1 x AIM docking pogo connector	1 x Type-C, 1 x combo audio jack, 1 x microSD card reader	1 x Type-C (data only), 1 x Type-A, 1 x combo audio jack, 1 x 19V DC-in jack, 1 x microSD card reader	2 x Type-A, 1 x audio jack, 1 x 19V DC-in jack, 1 x USB-C 3.1 Gen 2 (10Gb/s, HDMI Alt, 5V, 2A), 1 x Gigabit LAN, 1 x HDMI	1 x USB 3.0 Type-C supporting data/ charging/DP (output 5V/1A), 1 x USB 3.0 Type-A,1 x DC jack, 1 x Combo audio, 1 x expansion port, 1 x docking port
	Extended I/O	-	1 x AIM dock 14-pin pogo connector: 1 x USB 2.0, 1 x 2-wire UART, 5V/1A power		-	-
	Docking	1 x AIM dock 16-pin pogo connector: 1 x USB 3.1 Gen 2	1 x AIM dock 16-pin pogo connector: 1 x USB2.0, 9V power	1 x AIM dock 16-pin pogo connector: 1 x USB 3.0, 12V power	1 x AIM dock 16-pin pogo connector: 1 x USB 3.1 Gen 2	
	GPS	-	Glonass/Beidou/Galileo/QZSS/SBAS		-	-
Audio	Speaker	2 x Internal water proof speakers (2 W) – 83db @1m	1 x Internal speakers (1.5W)	2 x Internal speakers (2W)	2 x Internal water proof speakers (2 W)	1 x Internal speaker, 1 x internal mono microphone
	Audio Jack	1 x Audio combo jack (combines stereo audio output and mono microphone input)				
Camera	Front	5.0-megapixel fixed-focus camera		8.0-megapixel fixed-focus camera	5.0-megapixel fixed-focus camera	2-megapixel fixed-focus camera (optional)
	Rear	13.0-megapixel auto-focus camera with LED flash	8.0-megapixel aufo-focus camera with LED flash	13.0-megapixel aufo-focus camera with LED flash	8.0-megapixel aufo-focus camera with LED flash	5.0-megapixel auto-focus camera with LED flash (optional)
Security		TPM 2.0	-	-	-	TPM 2.0
Sensors		Ambient Light Sensor, G-sensor, Gyroscope, E-compass	Ambient light sensor, e-Compass, G-sensor, Gyroscope			-
Control Buttons		1 x Power button, 2 x Volume keys (up/ down), 1 x Programmable button				1 x Power button, 2 x Programmable buttons
System Indicators		1x Power Indicator LED (Blue/Orange/ Green), 1x BCR Indicator LED (Blue/ Orange/Green)	1 x LED Indicators (Green/Blue/Red)	1 x LED Indicators (Green/Blue/Red)	-	Power, battery status, HDD, wireless connectivity, Bluetooth
Battery Capacity Indicators		Green:100% ; red:≤10% ; blue:charging				
Power	Input Voltage	Type-C: 20V/3.25A (65W)	Type-C: 5V/3A, 9V/2A Docking pogo: 9V/2A	DC jack: 19V/3.43A Docking pogo: 12V/2A	DC jack: 19V/4.74A (90W)	100 ~ 240VAC, 50 ~ 60Hz, 1.4A ~ 0.8A
	Output Voltage	-	-	-	-	19VDC, 3.16A (max.), 60 W
	Battery	Battery Type: Embedded Lithium-ion battery Capacity: 4010 mAh, 46.3 WHr, 11.55V Operating Time: Up to 6.5 hours Charging Time: < 3 hours	Battery Type: Swappable battery Capacity: 4900 mAh, 18.62 WHr, 3.8V Operating Time: Up to 12 hours Charging Time: < 3 hours	Battery Type: Smart battery with capacity LED indicators Capacity: 2400 mAh, 26 WHr, 10.8V Operating Time: Up to 6 hours Charging Time: < 3 hours	Battery Type: Embedded Lithium-ion battery Capacity: 4660 mAh, 50.32 WHr, 10.8V Operating Time: Up to 4.5 hours Charging Time: < 3 hours	Battery Type: Main Battery Capacity: 2860 mAh, 31.7 WHr, 11.1V
Environment	Operating Temperature	0 ~ 40°C (32 ~ 104°F)	Wall Mount: 0 ~ 40°C (32 ~ 104°F) Handheld: 0 ~ 35°C (32 ~ 95°F)	Wall Mount: 0~40°C (32~104°F) Handheld: 0~35°C (32~95°F)	0 ~ 35°C (32 ~ 95°F)	0 ~ 35 °C (32 ~ 95 °F)
	Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)				
	IP Rating	IP65				
	Shock	IEC60068-2-27 standard MIL-STD-810G standard	SAE J1455	Operating: 10 ~ 20 G, 11 ms Nonoperating: 50 G, 11 ms	MIL-STD-810G standard	Operating: 20 G, 11 ms; shipping: 1 ~ 200 Hz, 1.15G (refer to ISTA 2A)
	Vibration	IEC60068-2-27 standard MIL-STD-810G standard	SAE J1455	Operating: (5 ~ 500 Hz) 0.5 ~ 1 G; Non-operating: (5 ~ 500 Hz) 0.04 PSD	MIL-STD-810G standard	Operating: (5 ~ 500GHz) 1G Non-operating: (5 ~ 500GHz) 4, 4 mm ~ 2G
	Humidity	Non-condensing Operating: 90% @40°C Storage: 95% @45°C Package: 95% @60°C	Non-condensing Operating: 10 ~ 90% @40°C Storage: 10 ~ 95%		Non-condensing Operating: 90% @40°C Storage: 95% @45°C Package: 95% @60°C	Non-condensing Operating: 10% ~ 95% @35°C/95°F Storage: 10% ~ 95% @60°C/140°F
	Drop Tested	Up to 122 cm (4 ft) onto plywood over concrete				Up to 152.4 cm (5 ft) onto plywood over concrete
Physical Characteristics	Dimesions (WxDxH)	280 x 180.1 x 183 mm (11 x 0.7 x 7.1 in)	240 x 142 x 14.5 mm (9.44 x 5.59 x 0.57 in)	280 x 18.3 x 180.1 mm (11 x 0.7 x 7.1 in)	330 x 240 x 20.8 mm (13 x 9.4 x 0.8 in)	292 x 196 x 20 mm (11.5 x 7.7 x 0.79 in)
	Weight	1.1 kg (2.42 lb)	600 g (1.32 lb)	980 g (2.2 lb)	1.8 kg (3.97 lb)	1.1 kg (2.4 lb) (base unit)
Certifications		FCC, CE, UKCA, IEC/EN/UL60601-1, EN 60601-1-2	IEC/UL/EN 60601-1, UL/CB 62368, FCC, CE, NCC/BSMI, TELEC/VCCI, RCM,IC,CCC/SRRC. EN1789	IEC/UL/EN 60601-1, FCC/IC, CE, NCC/BSMI, TELEC/VCCI, RCM, CCC/SRRC	FCC, CE, UKCA, IEC/EN/UL60601-1, EN 60601-1-2, WEEE	FCC Class B, CE, IEC/EN/UL 60601-1, 62368-1

VESA Dock

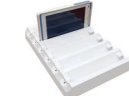| Applicable Model	AIM-75H	AIM-78H/AIM-68H	AIM-89H	MIT-W102
Part Number	AIM-VSD0-0001 (full I/O) AIM-VSD0-0003 (USB & charger)	AIM-VSD0-1001 (full I/O) AIM-VSD0-1003 (USB)	AIM-VSB0-0001	MIT-W102-ACCVD001E
Features	[Full I/O] 2 x USB 3.0, 1 x RS-232 COM, 1 x Gigabit LAN, 1 x Power jack [USB & charger] 2 x USB 2.0, 1 x Power jack	[Full I/O] 2 x USB 3.0, 1 x RS-232 COM 1 x Gigabit LAN, 1 x Power jack [USB & charger] 2 x USB 2.0, 1 x Power jack	VESA MIS D Standard 75/100	1 x LAN 1 x VGA 1 x COM 2 x USB 2.0

Desk Dock

3-in-1 Multifunctional stand

Applicable Model	AIM-78H/AIM-68H	AIM-89H	MIT-W102	
Part Number	AIM-OFD0-0001 (full I/O) AIM-OFD0-0003 (USB & charger)	AIM-OFD0-0005	MIT-W102-ACCDS001E	MIT-W101-ACCVB001E
Features	[Full I/O] 2 x USB 2.0, 1 x RS-232 COM, 1 x Power jack 1 x HDMI, 1 x Battery charging bay [USB & charger] 2 x USB 2.0, 1 x Power jack	1 x HDMI 1.3 1 x DisplayPort 1.1 1 x Gigabit Ethernet (RJ45) 2 x USB 3.0 Type-A 1 x 5.5 mm DC in port	1 x LAN 1 x VGA 1 x COM 2 x USB 2.0	VESA mount (75 x 75 mm)

Vehicle Dock

Applicable Model	AIM-68H/AIM-78H
Part Number	AIM-VED0-0422 (full I/O) AIM-VED0-0423 (charger)
Features	[Full I/O] 1 x CAN bus (supports raw CAN, J1939, OBD-II/ISO 15765) with configurable firmware 5 x Digital inputs 1 x Odometer (supports dry and wet contact) with configurable and switchable firmware (default wet contact) 2 x Digital outputs (supports speed pulse) 1 x RS-232 (4 wire) 1 x RS-232/485 (2 wire) (default RS-485, termination enabled) 1 x USB 2.0, 1 x Power input 12 V 1 A [Charger] 1 x Power input 12 V 1A

Multi-Bay Charging Station

Multi-tablet charging station

Multi-battery charging station

AIM-75H	AIM-68H/AIM-75H/ AIM-78H
AIM-MTCS-0001	AIM-MBCS-0001

Battery

AIM-75H/AIM-78H	AIM-68H
AIM-BAT0-0252/AIM-BAT0-0452	AIM-BAT0-0552
AIM-75H: 4900 mAh, 18.62 WHr, 3.8V AIM-78H: 2400 mAh, 26 WHr, 10.8V	4010mAh, 46.31Whr, 11.55V

Accessories

Kickstand

360° rotatable hand strap

Hand strap

Shoulder strap (portrait)

Shoulder strap (landscape)

Applicable Model	AIM-68H/AIM-78H	AIM-68H/AIM-75H/AIM-78H			AIM-68H/AIM-78H
Part Number		AIM-SRP0-0004	AIM-SRP0-0000	AIM-SRP0-0001	AIM-SRP0-0002
Features	Robust design with a convenient handle	360° rotatable	One-handed operation	Hands-free usage	Hands-free usage

Accessories

Hand Strap

Shoulder Strap

Carry Strap

Active stylus

Rubber bumper

Applicable Model	AIM-89H			AIM-68H/AIM-75H/AIM-78H	MIT-W102
Part Number	AIM-SRP0-0008	AIM-SRP0-0007	AIM-SRP0-0006	AIM-P705	MIT-W101-ACCBH000E
Features	Four-point secure mount	Hands-free usage	Ergonomic design for easy handling	High accuracy and precision	Rubber bumper with hand strap

Extension Modules

Barcode scanner (20°)

Barcode scanner (70°)

LAN RJ-45 module

UHF RFID reader (flat type)

LAN + COM module

Applicable Model	AIM-68H/AIM-75H/AIM-78H		AIM-68H		AIM-75H
Part Number	AIM-BCRS-0020	AIM-BCRS-0070	AIM-P531A0	AIM-EXT0-0050	AIM-LANC-0001
Features	• Sensor: 640 x 480 CMOS sensor • Illumination/Aimer: white LED illumination/red LED dot aimer • Frame rate: 30 fps • Field of view: horizontal: 37.8° ; vertical:28.8°		1 x 10/100 Ethernet port	• RFID output: 25W • Antenna type: Linear polarization • Frequency: EU: 867 ~ 869 MHz • Supported tag standard: EPC Class 2, Gen. 2/ ISO 18000-6C	1 x 10/100 Ethernet port 1 x COM port

Product Selection Guide

Wall Mount

ARES **G**

Model Name	ARES-1204G	ARES-12250	ARES-12290	ARES-12390
Description	Tiltable and swivelable wall mount with Tug-Resistant VESA mount	Fixed wall mount	Fixed wall mount	Tiltable wall mount
Dimension(W x H x D)	115 x 115 x 90.7 mm (4.53 x 4.53 x 3.57 in)	115 x 115 x 20 mm (4.53 x 4.53 x 0.79 in)	230 x 220 x 40 mm (9.06 x 8.66 x 1.57 in)	248 x 230 x 45 mm (9.76 x 9.06 x 1.77 in)
Panel Size Support	7" ~ 32"	7" ~ 32"	15" ~ 52"	15" ~ 52"
Support Weight (Max.)	2 ~ 10 kg	max. 25 kg	max. 60 kg	max. 60 kg
Min. Distance To The Wall	90.7 mm (3.57 in)	20 mm (0.79 in)	40 mm (1.57 in)	45 mm (1.77")
Mounting Pattern	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm	200 x 200 mm 200 x 100 mm 100 x 100 mm	200 x 200 mm 200 x 100 mm 100 x 100 mm
Screw Type	M4	M4	M4, M5, M6	M4, M5, M6
Net Weight	0.55 kg/1.21 lb	0.30 kg/0.66 lb	1.34 kg/2.95 lb	2.20 kg /4.85 lb
Cable Management	Yes	No	No	No
Quick Release	Yes	No	No	No
Material	Steel/Aluminum/Plastic	Steel	Steel	Steel

Table Stand

ARES **G**

		ARES-2423X	ARES-2424X	ARES-2425X	ARES-24R3G	ARES-2423S
Description		Fix Table Stand	Fix Table Stand	Fix Table Stand	Height Adjusting Table Stand with Tug-Resistant VESA mount	Height Adjusting Table Stand
Dimension (W x H x D)		203 x 213 x 227 mm / 7.99 x 8.39 x 8.94 in	203 x 275 x 227 mm / 8 x 10.83 x 8.94 in	241 x 340 x 280 mm/ 9.49 x 13.39 x 11.02 in	222 x 432 x 252 mm / 8.74 x 17.01 x 9.92 in	300 x 478 x 250 mm / 11.81 x 18.82 x 9.84 in
Hinge Module	Swivel	N/A	N/A	N/A	360°	360°
	Tilt	-2° (down) ~ +180° (up)	-2° (down) ~ +180° (up)	-2° (down) ~ +180° (up)	-5° ~ +25°	-5° ~ +20°
	Rotation	N/A	N/A	N/A	360°	360°
	Adjustable Torque	N/A	N/A	N/A	Yes	Yes
Display Support	Mount Pattern	100 x 100/ 75 x 75	100 x 100 / 75 x 75	100 x 100 / 75 x 75	100 x 100 / 75 x 75	100 x 100 / 75 x 75
	Display Type	Single Monitor	Single Monitor	Single Monitor	Single Monitor	Single Monitor
	Panel Size	≤ 27"	≤ 21.5"	≤ 27"	≤ 24"	21.5" ~ 34"
	Max. Weight	13 kg (28.7lb)	15 kg (33.07 lb)	20 kg (44.091 lb)	6 ~ 12 kg/13.22 ~ 26.45 lb	4 ~ 12 kg/8.82~26.46 lb
Height Adjust	Adjustment Range	N/A	N/A	N/A	130mm (5.12")	130mm (5.12")
	Adjustable Tension	No	No	No	Yes	Yes
Screw Type		M4	M4	M4	M4	M4
Net Weight		1.40 kg/ 3.09 lb	1.75 kg / 3.86 lb	2.14 kg/4.72 lb	3.15 kg / 6.95 lb	4 kg / 8.82 lb
Cable Management		Yes	Yes	Yes	Yes	Yes
Material		Steel/Aluminum/Plastic	Steel, Aluminum, Plastic	Steel, Aluminum, Plastic	Steel, Plastic, Aluminum	Steel, Plastic, Aluminum

G with Tug-Resistance patented VESA bracket

Workstation & Arm

Model Name		ARES-5252G	ARES-52A2G	ARES-5221B	ARES-5221C
Description		Single Wall Arm with Tug-Resistant VESA Mount	Extended Wall Arm with Tug-Resistant VESA Mount	Single Arm Wall Mount Workstation	Dual Arm Wall Mount Workstation
Dimension (W x H x D)		415 x 375 x 116 mm (16.34 x 14.76 x 4.57 in)	615 x 456 x 116 mm (24.21 x17.95 x 4.57 in)	956 x 926 x 333 mm (37.64 x 36.46 x 13.11 in)	1346 x 925.3 x 322 mm (52.99 x 36.43 x 12.68 in)
Hinge Module	Swivel	±90°	±90°	±90°	±90°
	Tilt (Hinge)	-20° ~ + 90°	-20° ~ + 90°	-5° ~ +35°	-5° ~ +35°
	Pivot	360°	360°	360°	360°
	Adjustable Torque	Yes	Yes	Yes	Yes
Display Support	Mount Pattern	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm
	Display Type	Singal Monitor	Singal Monitor	Singal Monitor	Singal Monitor
	Panel Size	≤ 32"	≤ 32"	≤ 27"	≤ 27"
	Max. Weight	2~10 kg (4.41~22.05 lb)	2~10 kg (4.41~22.05 lb)	2~8 kg (4.4~17.6 lb)	2~8 kg (4.4~17.6 lb)
	Support Weight (Keyboard)	No	No	2.5 kg (5.5 lb)	2.5 kg (5.5 lb)
Arm Mobility	Height Adjustment Range (Display)	315 mm (12.4")	315 mm (12.4")	124 mm (4.88") / 436 mm (17.27")	124 mm (4.88") / 436 mm (17.27")
	Tilt (Arm)	-30° (Down) ~ +65°(Up)	-30° (Down) ~ +65°(Up)	-30° (Down) ~ +65°(Up)	-30° (Down) ~ +65°(Up)
	Adjustable Tension	Yes	Yes	Yes	Yes
Max. Distance to Wall		415 mm (16.34")	615 mm (24.21")	956 mm (37.63")	1346 mm (52.99")
Keyboard Tray Working Space		No	No	449 x 207 mm (17.68" X 8.15")	449 x 207 mm (17.68" X 8.15")
Cable Management		Yes	Yes	Yes	Yes
Screw Type		M4	M4	M4	M4
Material		Steel/Plastic/Aluminum	Steel/Plastic/Aluminum	Steel/Plastic/Aluminum	Steel/Plastic/Aluminum

Long-Reach Arm

Model Name		ARES-7621C/ 7623C	ARES-7321I	ARES-7221A
Description		Medical Ceiling Arm	Medical Wall Mount Arm	Medical Wall Mount Arm
Dimension(W x H x D)		164 x 1295 x 1389 mm (6.46 x 50.98 x 54.68 in) 250 x 250 x 1100 mm (9.84 x 9.84 x 43.3 in)	200 x 1295 x 1407 mm (7.87 x 50.98 x 55.39 in)	200 x 2106 x 1873 mm (7.87 x 82.91 x 73.74 in)
Hinge Module	Swivel (Hinge/ VESA)	±185°	±185° / ±5°	±185° / ±5°
	Tilt (Hinge)	-60° ~ +20°	-60° ~ +20°	-60° ~ +20°
	Pivot	360°	Yes	Yes
	Adjustable Torque	Yes	Yes	Yes
Display Support	Mount Pattern	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm	75 x 75 mm 100 x 100 mm
	Display Type	Single	Single	Single
	Panel Size	15"~24"	15"~24"	15"~24"
	Support Weight	ARES- 7621C-A: 1~6.5 kg (2.2~14.3 lb) ARES- 7623C-A : 6~12 kg (13.23~26.46 lb)	1~6.5 kg (2.2~14.3 lb)	1~6.5 kg (2.2~14.3 lb)
Arm Mobility	Arm Swivel	±90° / ±185°	±90° / ±185°	±90°
	Height Adjustment Range (Display)	671 mm(26.42")	671 mm (26.42")	1467 mm (57.76")
	Tilt (Arm)	-55°(down) ~ +25°(up)	-55°(down) ~ +25°(up)	90°/ 82.5°
	Adjustable Tension	Yes	Yes	Yes
Min. Distance to Ceiling		1700 mm (66.93")	No	No
Max. Distance to Ceiling		1100 mm (43.3")	No	No
Cable Management		Yes	Yes	Yes
Screw Type		M4	M4	M4
Material		Steel/Plastic/Aluminum	Steel/Plastic/Aluminum	Steel/Plastic/Aluminum

Product Selection Guide

LEO-S Sensors

Model Name		LEO-S592 7-in-1 AQI Sensor
Display		4.2" B/W epaper
Frequency		US915/AU915/KR920/AS923/CN470
NFC		Y (Configuration)
LED		R/O/G
Button		1 x Power Button 1 x Reset Button
Power		5V/1A by Type-C Port
Working Temperature		-20 ~ 60°C ePaper (0 ~ 40°C)
Working Humidity		10 ~ 90% (non-condensing) at 25°C (77°F)
Wireless Range		50 meters+ (Line of Sight)**
Dimensions		100.8 x 114 x 22 mm (3.97 x 4.49 x 0.87 in)
Weight		680 g
IP Rating		IP30
Certification		FCC, CE***
Temperature	Range	40 ~ 85°C
	Accuracy	±1°C
	Resolution	0.1°C
Humidity	Range	0~100% RH
	Accuracy	±3%
	Resolution	0.50%
CO2	Range	400~2000PPM
	Accuracy	50PPM± 5%
	Resolution	1PPM
Brightness	Range	60000 lux
PM2.5/PM10	Range	0 ~ 1000 µg/m3
	Accuracy	0~100 (±10 µg/m3) 100~1000 (±10 %)
	Resolution	1 µg/m3
HCHO*	Range	0 ~ 6 mg/m3
	Accuracy	±10 %
	Resolution	0.01 mg/m3

* Tested under laboratory conditions and for guideline purposes only
**CE by project

Model Name		LEO-S57 LoRaWAN Temperature & Humidity Sensor
Temperature	Measurement Range	-30 ~ 70°C
	Accuracy Range	0 ~ 70°C (± 0.3°C)
		-30 ~ 0°C (± 0.6°C)
	Resolution	0.01°C
Relative Humidity	Measurement Range	0~100% RH
	Accuracy Range	10% to 90% RH(± 3%), below 10% and above 90% RH(± 5%)
	Resolution	0.50%
NFC	Frequency	13.56 MHz
	Function	Y(Configuration)
LoRaWAN	Wireless Technology	Advantech LoRaWAN technology
	Frequency	US915/AU915/KR920/AS923/CN470
	Wireless Range	100 meters+ (Line of Sight)*
	Topology	Star
	Data Storage Capacity	2800
	LED Indicators	N/A
	Buttons	1 x Power Button (Internal)
	Battery	2 x 4000 mAh battery (ER18505)
	Battery Life	5 years (10 min interval, @25°C)*
	Data Transmissions	NFC + LoRaWAN
Mechanical	Mount Options	magnet, fastener, screws
	Dimensions (W x D x H)	88.5 x 85.3 x 27 mm (3.48 x 3.36 x 1.06 in)
	Weight	130 g
	Probe Type	N/A
	Probe Cable Length	N/A
Environmental	Operating Temperature	-30 ~ 70°C
	Storage Temperature	-30 ~ 70°C
	Working Humidity	0 ~ 100% (non-condensing) at 25°C (77°F)
	IP Rating	IP67
	Drop Tolerance	N/A
	Certifications	FCC, TELEC, CE**

* Tested under laboratory conditions and for guideline purposes only
**CE by project

Solution Package
IoT Sensing & Cold Chain Solutions
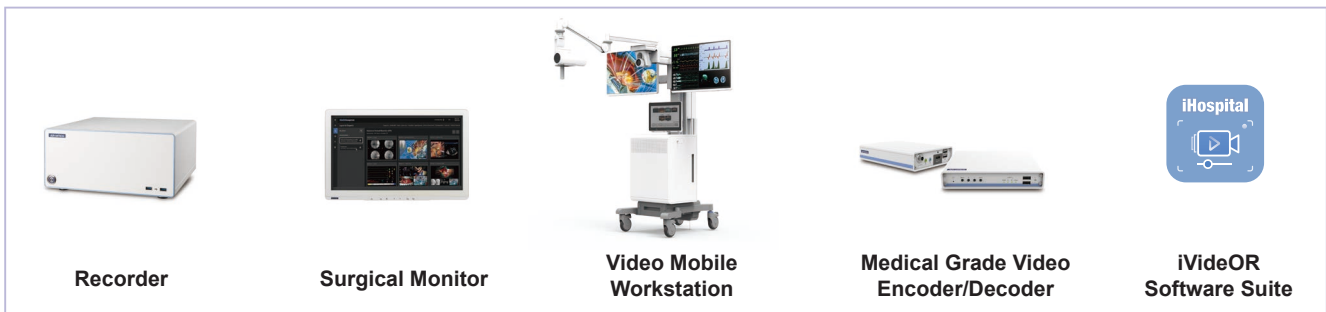

Sensor

**ColdChain
Software Suite**

**IoT Sensing
Software Suite**

Solution Package
iWard Solution Offerings

Nursing Control Station | **Nursing Dashboard** | **Mobile Nursing Station** | **Bedside Information Terminal** | **Patient Information Terminal** | **iWard Software Suite**
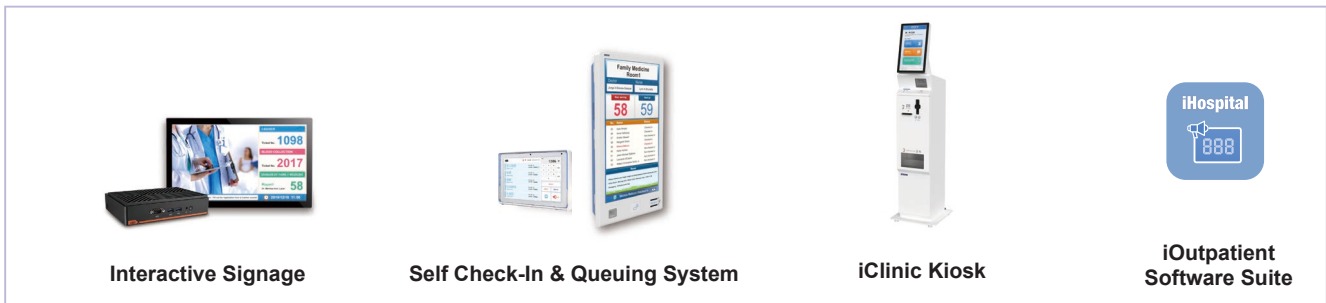
iVideOR Solution Offerings

Recorder | **Surgical Monitor** | **Video Mobile Workstation** | **Medical Grade Video Encoder/Decoder** | **iVideOR Software Suite**

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