



iMOR-Surgical DashBoard (Standalone Version)

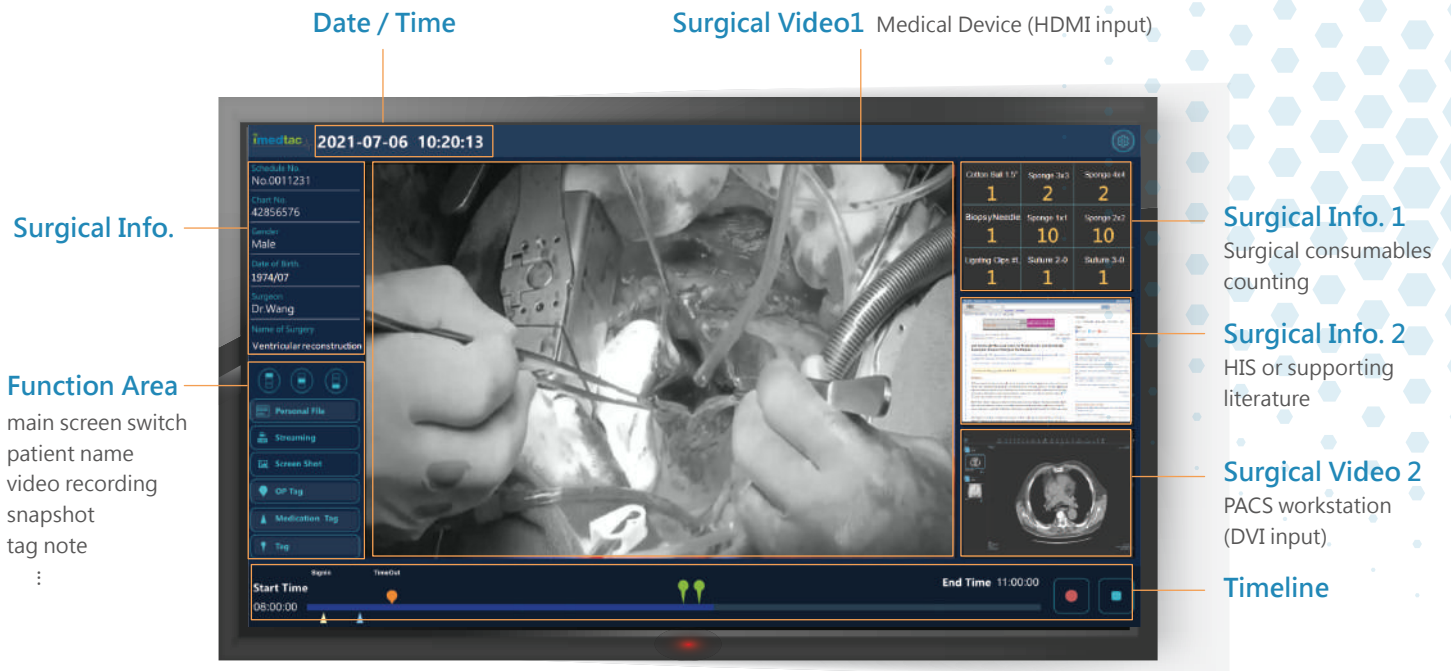
Integrate your OR video & information in one dashboard



- Follow WHO regulation Sign-in. Time-out. Sign-out tag note
- Integrate all surgical video & information in one screen for better communication

Applicable fields: operating rooms of various departments

User Interface and Function Introduction



Specification

Function	Full HD Version	4K Version
Output Video Quality	Full HD	4K
Language	CN/EN	CN/EN
Recording File Management	✓	✓
Video Streaming	✓	✓
Video Recording	✓	✓
Surgical Info.	✓	✓
Surgical Timeline	✓	✓
Screen Shot	✓	✓
Surgical Consumables Counting	✓	✓
Anesthesia Alarm During Surgical	✓	✓



Automated Dispensing Cabinet (ADC)



- Able to integrate with EMR/HIS and synchronize with clinical orders
- Integration with the scheduling system – no access to the ADCs when off-duty
- Real-time medicine inventory management: show medication record and statistics report

Reduce human error with automated dispensing cabinet



Barcode scanner

able to scan the QR code on the medical order or the package of medicine



Light indicator



Customizable modular design

3 types of layers and drawers to choose from

Optimize medication workflow

STEP 1



Manage user access

STEP 2



Scan medical order

STEP 3



Medicine dispense

STEP 4



Finish

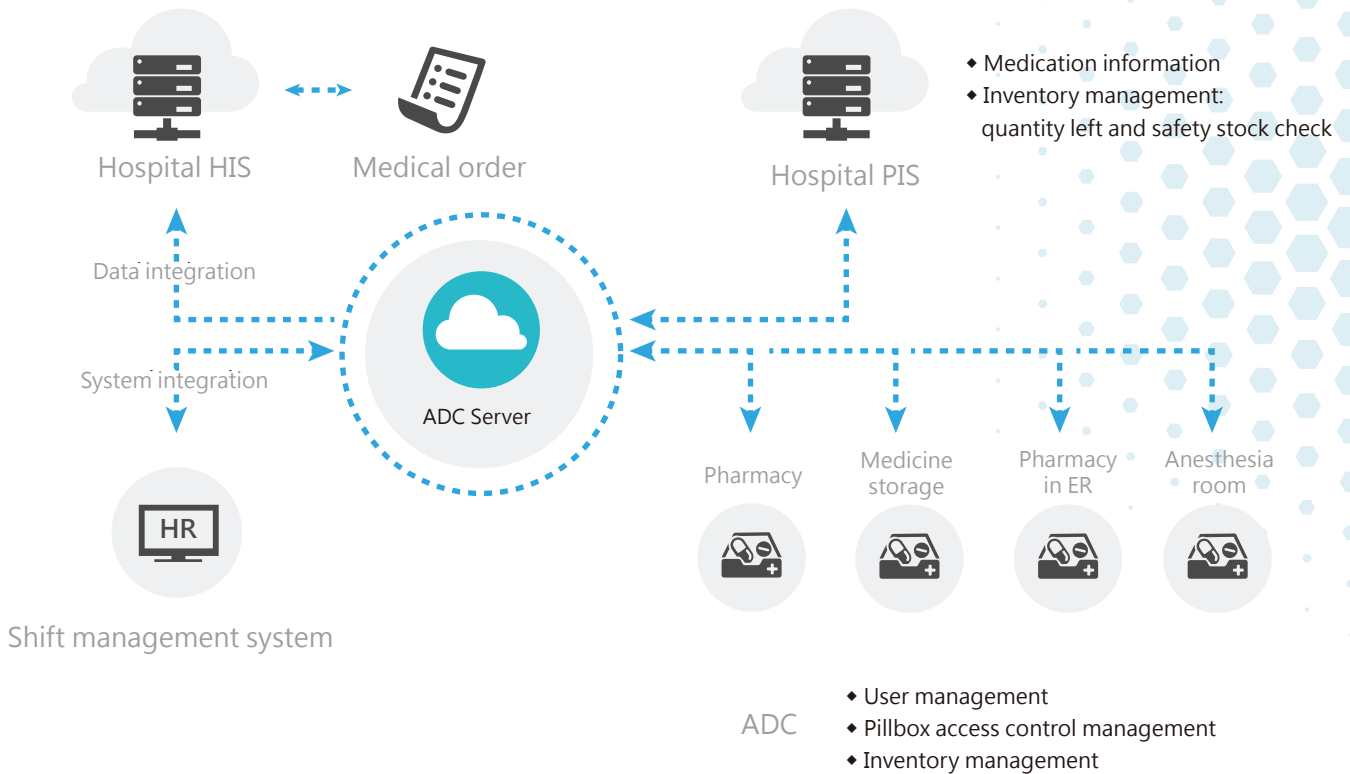
Integrate with shift management system. Only the person in charge can access the cabinet

Able to synchronize with medication system, reduce human errors

Only open the correct pillbox with light indicator

Automatically records who, when and where the medicine is dispensed

Structure of Automated Dispensing Cabinet



Benefit of Automated Dispensing Cabinet



Pharmacist

- Medicine safety management
- Medicine inventory management
- Medicine supplementary notification
- Improve dispensing efficiency
- Optimize SOP for the use of controlled drugs



Nurse

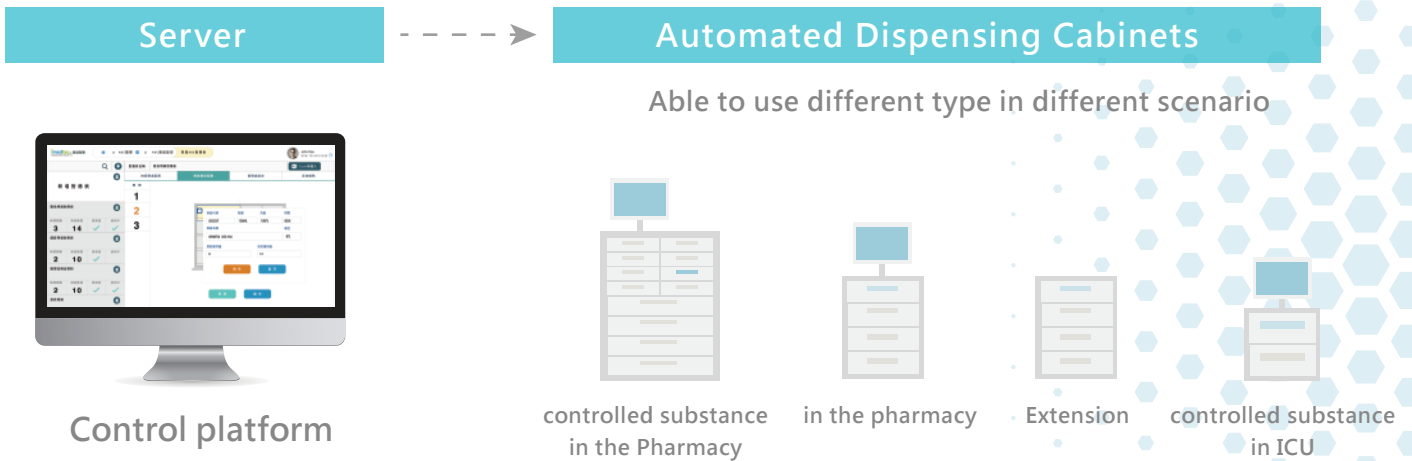
- Optimize medication workflow
- Reduce workload
- Improve care quality
- Increase medication security
- Get timely clinical prescription



Administrator

- Reduce medical errors
- Improve workflow
- Improve operational efficiency
- Easy to intergrate with existing system

Cloud management platform with real-time inventory check function



Specification



	iMADC-STD	iMADC-DKP-4D	iMADC-DKP-2D
Features	(1) 21" Touch AIO (2) 3 types of pill boxes (3) 9 layers & 13 drawers (4) One-click to open the pill box	(1) 15" Touch AIO (2) NFC Reader (3) 4 layers (4) 2 types of pill boxes	(1) 15" Touch AIO (2) NFC Reader (3) 2 layers (4) 2 types of pill boxes
Size (not including screen)	w71 x d70 x h116	w41 x d60 x h66	w41 x d60 x h35

unit: cm

Comparison

Brand	imedtac	Brand X
Login method	RFID card, password	RFID card, fingerprint
Pillbox configuration	modular design	fixed
Dispense medicine	scan medical order by staff or patient number	scan medical order
Return medicine	cancel order or return damaged medicine	damaged packaging
Abnormal notification	SMS, E-mail, local screen	local screen
Optional function	cabinet extensions	none



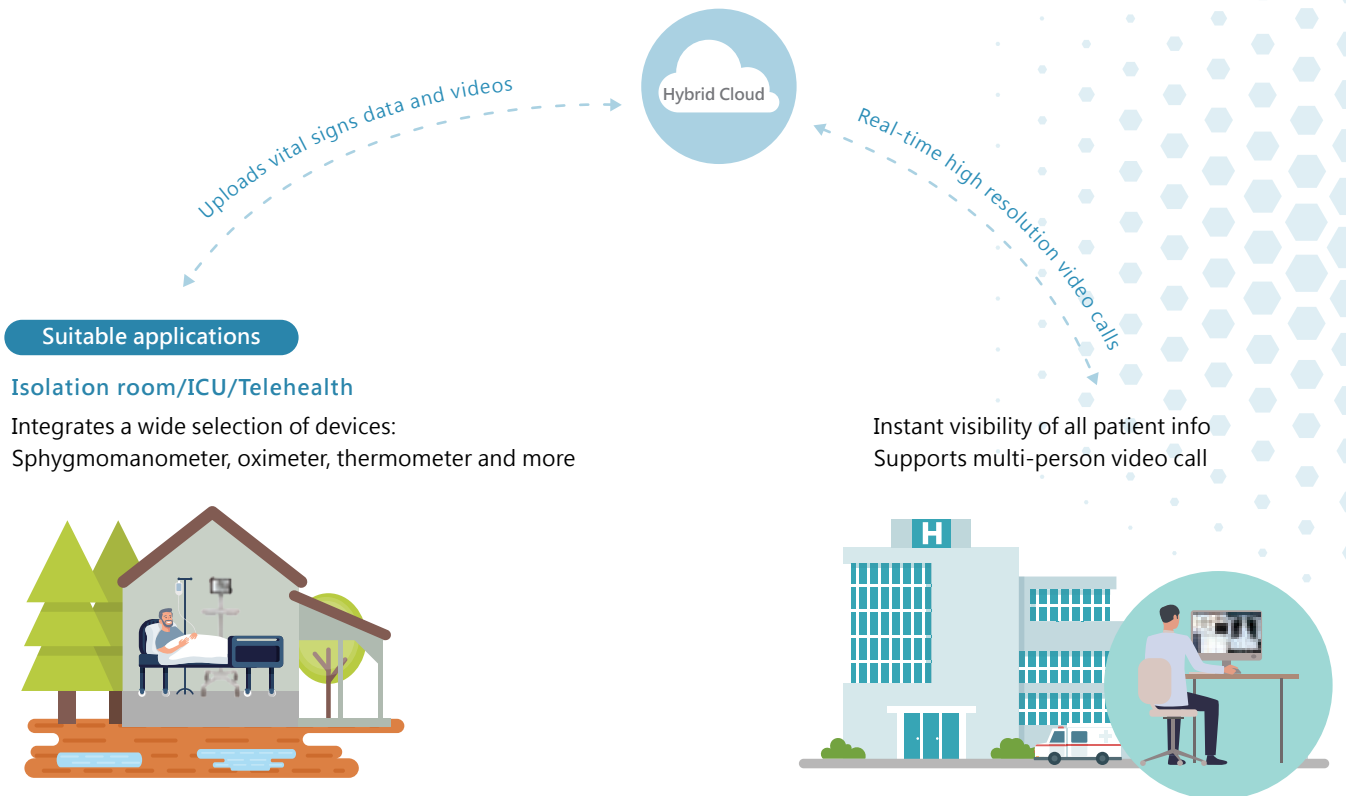
Telehealth Solution

Our flexible Telehealth solution is the key to fulfill health equity



- Integrates patient information, video images, and vital signs to improve diagnosis efficiency
- Supports instant telemedicine consultations from various specialties
- Supports external image source, screen extension and video recording
- Remote consultations to reduce infection risks for family members and medical staff
- Highly mobile cart allows caregivers to provide best patient care

Provides virtual consultations with various specialists, enabling instant diagnosis across regions and departments



Suitable applications

Isolation room/ICU/Telehealth

Integrates a wide selection of devices:
Sphygmomanometer, oximeter, thermometer and more

Instant visibility of all patient info
Supports multi-person video call

Combines Patient Information into One Dashboard

- 1 Vital Signs
- 2 Image Source
Camera / Visualizer (Document Camera) / Others
- 3 Screen Extension
- 4 Patient Information
- 5 Function Area
Doctor list / Patient list / Call / Stop / Mute / Screenshot / Record / PTZ control

Features on Client Side

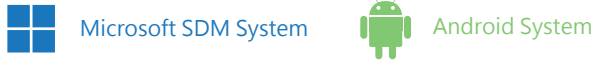
- ✓ Intuitive Graphical User Interface
- ✓ Flexible screen sharing
- ✓ Full screen recording, saving all data in the surgical process
- ✓ Virtual consultations with specialists in various fields
- ✓ Remote PTZ camera control

Features on Server Side

- ✓ Record for attendance and meeting time
- ✓ Instant retrieval of patient data, vital sign records and external image source
- ✓ User permission control

iMTele-DKP Optimizes the Medical Staff's Daily Work

The Digital Healthcare Switch integrates various medical functions, and easily solves the problems that medical staff may encounter during their daily jobs. It is designed to create a convenient and efficient work environment for the medical staff.



Product Features



Dual System

- Independent dual network, support dual system.
- Internal network connects Windows-based systems to the Hospital Information System. External network connects Android systems such as meetings, consultations and other activities.



High-Quality Recording

- The requirement for medical records can be easily fulfilled with recording.
- Instant sharing by 4K 800MP Camera.



Comfortable and Stress-relieving Designs

- Folding stand for adjustable angle design.
- Ergonomic design frees doctors from fatigue.



DICOM

- Assistance in DICOM diagnosis. With one click, the X-ray film becomes clear and distinct.
- The function of white screen with one click can be applied on physical X-ray films.



Multi-Touch and Writing




- The antibacterial touchscreen supports writing, electronic medical record and electronic approval.
- Built-in Windows whiteboard function enable users to write at will.



Multiple Convenient Designs


- Convenient sidebar with shortcut.
- Multiple connectivity options including Type-C, Wireless, and HDMI.

Specification - Patient Side

Model Name	iMTele-Lite	iMTele-STD	iMTele-PRO
			
iMTele Software	V	V	V
Mounting Option	Single monitor	Single monitor	Dual monitor
AIO Size	12" - 15"	15" - 21.5"	15" - 21.5"
Weight Capacity	10 kg	15 - 20 kg	15 - 20 kg
Rechargeable Battery	X	Capacity: Optional	Capacity: Optional
PTZ Camera*	X	V	V
Speaker*	X	V	V
Visualizer (Document Camera)*	X	V	V
Medical Device	V	V	V

*Optional Accessories

Specification - Doctor Side

Product	iMTele-DKP	
		
Display	Size	27"
	Resolution	UHD 3840 x 2160
	Brightness	Standard : 350 (typ.) / Eye-care : 300 (typ.) / DICOM : 450 (typ.) / Light box (lasting 30mins) : 650 (typ.)
Touch	Touch Type	Projective Capacitive Touch
Camera	Integrated Camera	8M camera, FOV(D) >90°
Microphone	Mic Array	8 Array,1M Far-field, Beamforming, AGC, Echo Cancelling,Noise Suppression
Input/Output	Android System	1x USB TypeC (with 65W PD); 1x HDMI2.0 (Input) ; 1x HDMI2.0 (output) ; 1x USB3.0 typeA ; 1x USB2.0 typeA; 1x (RJ45 10/100/1000M) ; 1x USB2.0 typeB ; 1x (3.5mm Mini Jack)
Mechanical	Dimension Set (W x H x D)	623.2 x 481.2 x 333 mm (w/i stand) / 623.2 x 405.2 x 58.7mm (w/o stand)
	Weight (Set)	8.5kg (w/o SDM module) / 8.75kg (w/i SDM module)
Certifications	Energy Label Rating	Energy Label Rating
	Country Certifications	CB/CE/FCC/cTUVus/NBTC/BSMI/NCC



Smart Vital Signs Station

Various measurements, user-friendly surface, real-time data to your remote caregivers



- Visualized vital sign data analysis in the cloud, provide personal health management.
- Integrates of intelligent vital sign detectors reduces the workload required for measuring vital signs.
- Vital signs station's designs are patient-centered and aimed at improving the waiting scenario before seeing a doctor.

Multi-function Smart Vital Signs Station



Body height



Body weight



BMI



Blood pressure



Heart beat rate



Body temperature



Voice instruction



Video instruction



Ultrasound body height detector



Seated body weight scale



Medical grade tunnel sphygmomanometer



Wireless thermometer



Optional parts

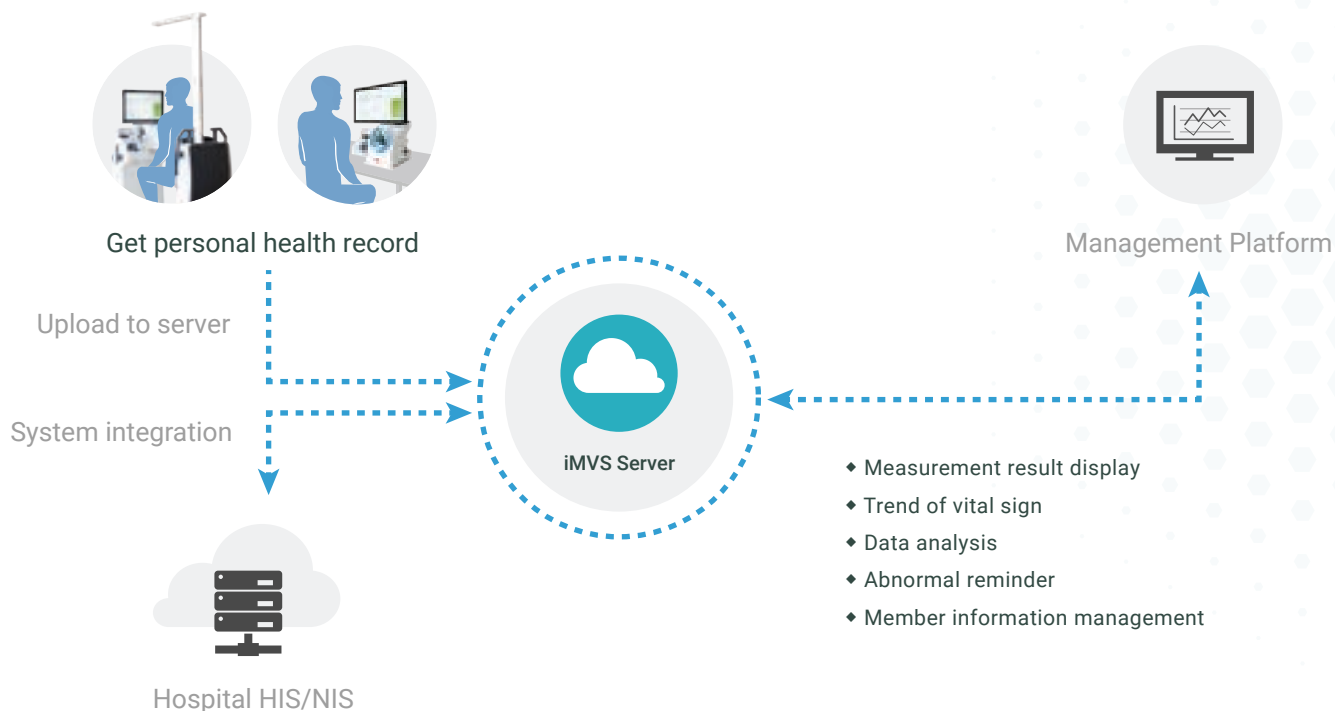


Comparison

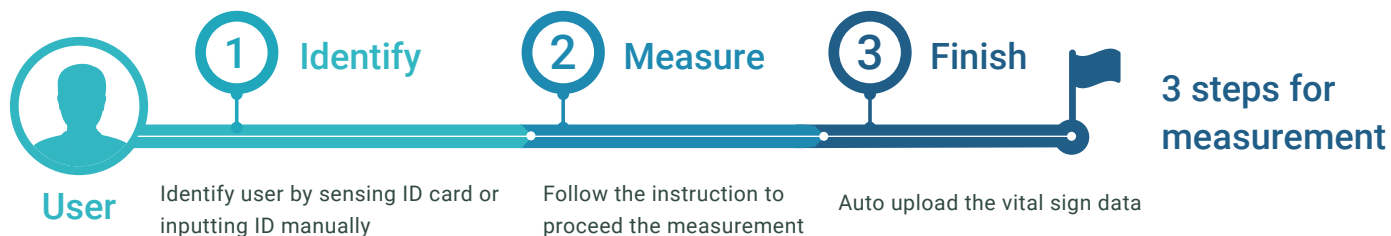


Model	Old fashion way	With Smart Vital Signs Station
Vital signs Test results	Manual transcription or print out the result	Automatically upload to the cloud and integrate with HIS
Historical record	×	PHR / query historical data
Procedure	Individual measurement	One stop service
Intelligent platform	×	Healthcare Cloud

Structure of Smart Vital Signs Station solution



Workflow of Smart Vital Signs Station



- ✓ Graphical user interface, easy to use
- ✓ With voice and video user instructions
- ✓ ID card recognize function and ID manually input function
- ✓ Auto upload vital signs and display at management platform
- ✓ PHR query function and trend of vital signs display function

▲ User interface of management platform

Specification



Station type	iMVS-AIO	iMVS-DKP
Sphygmomanometer	Tunnel type	Tunnel type
Body height detector	Ultrasound detection	×
Body weight detector	Seated type	×
Thermometer	Contactless type	Contactless type
Control panel	21" touch screen	21" touch screen
Size (W x D x H cm)	121.4 x 67.7 x 227.7	55.3 x 36 x 71.1

Concatenate personal, community and hospital, provide holistic health care





TwinOS 27" Medical AIO Computer

Unique cross platform solution and your multi-task/multi-function coordinator.



Dual system,
Dual screen,
Dual network



Dedicated for
medical
workstation



Ergonomic
Design



User Experience
Oriented Built-in
Tools



Dual system, Dual screen, Dual network

- The all-in-one computer with unique dual system and dual network support. Users can connect to external and internal networks without cybersecurity concerns.
- Users can switch from Windows to Android system, or use Picture-by-Picture mode to run dual systems at the same time. Both systems can be controlled by the same touch/drawing/mouse/keyboard interface.

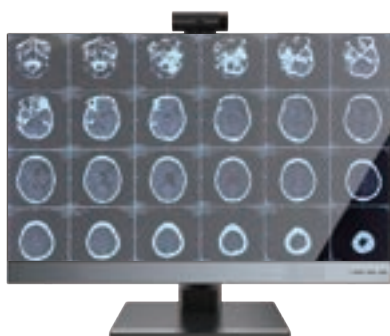


Dedicated for medical workstation

- 27" 4K Touch screen with Anti-Glare (AG) and Anti-bacterial coating.
- High precision 10-points touch screen supports palm rejection, the condition of wearing glove, and stylus pen (MPP 1.5 protocol) for ultimate annotation experience.
- DICOM part14 criteria calibration for cloud-based PACS review. One button full white screen to make viewing physical X-ray film possible.



- One button video/audio/screen recording in sidebar allows user to keep record easily for important event.



Product Specifications

Display	Size	27"
	Resolution / Aspect Ratio	UHD 3840 x 2160 / 16:09
	Brightness	Standard: 350 (typ.), Eye-care: 300 (typ.), DICOM: 450 (typ.), Light box (lasting 30mins): 650 (typ.)
	Contrast Ratio	>1000:1
	Color performance	99% sRGB
	Gamma	Gamma 2.2 (fit DICOM curve)
	Frame Rate	60Hz
	Viewing angle	178° / 178°
Touch	Touch Type	Projective Capacitive Touch
	Touch Point	10 point (Finger + Active Pen + Palm Rejection)
	Response Time	≤ 5 ms
	Minimum Response Size	Φ1mm
	Active Pen Stylus	Active Pen (Support MPP1.5, 4096 Pressure Point, High Precision)
Multimedia	Camera	8M camera, FOV(D) >90°
	Microphone	8 Array, 1M Far-field, Beamforming, AGC, Echo Cancelling, Noise Suppression
	Speaker	5W x 2, FR: 80~20KHz (Front Firing)
Power	Power Supply	Power Adaptor (AC 100-240V) / 50/60Hz
	Power Consumption	· in Operation : 73W (w/o SDM), 92W (w/ SDM) · in Standby : <2W
Connectivity	Inputs	HDMI2.0 x 1, 3.5mm Mini Jack (Aux)x 1
	Outputs	HDMI2.0 x 1, 3.5mm Mini Jack (Headphone)x 1
	USB	USB3.0 TypeA x 1, USB2.0 TypeA for service x 1, USB2.0 TypeB(Touch) x 1, USB TypeC with 65W PD x 1
	LAN Port	RJ45 (10/100/1000) Mx1
	Wireless Communication	Wi-Fi / Bluetooth
System	CPU	ARM Cortex A78x4+A55x4
	GPU	ARM Mali G57 MC5
	Operating System	Android 11
	Memory	6 GB
	Storage	32 GB

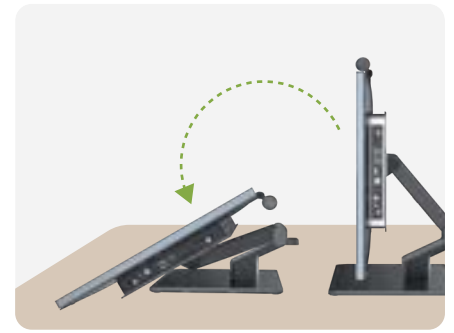
User Experience Oriented Built-in Tools



- Embedded 4K flippable camera and high quality microphone/ speaker (CMS) for fluent video conference experience.



- Embedded barcode scanner for 1D/2D barcode reading.

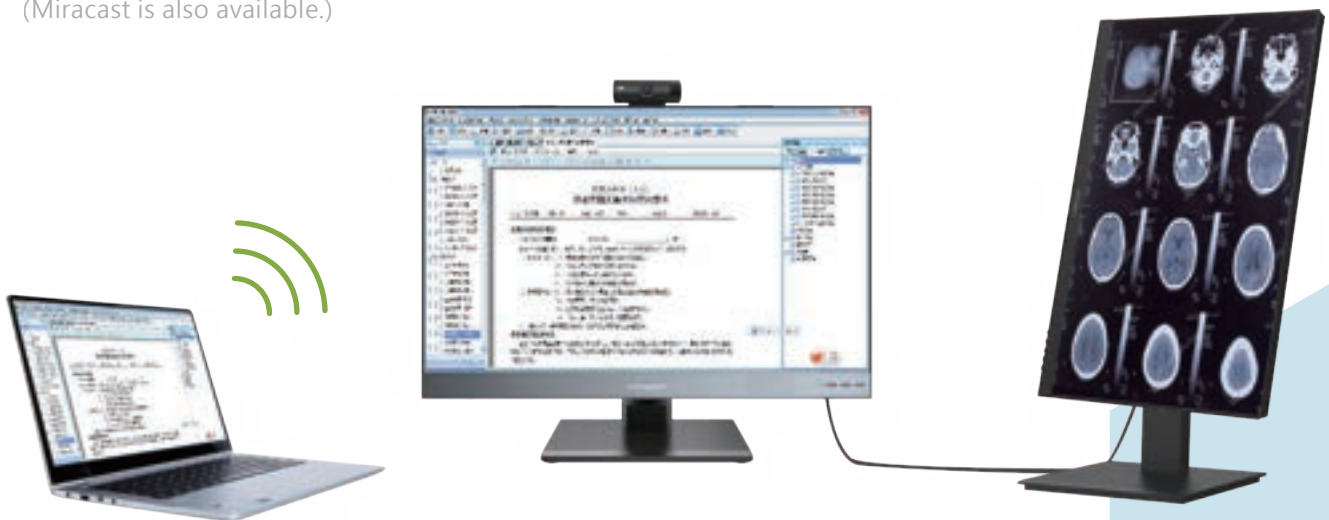


- Ergonomic rotational / foldable stand ,fits in different use cases. (down to 30°, swivel angle : $\pm 180^\circ$)

Flexible design and extension support

- SDM slot can provide the flexibility for different SDM spec.
- Multiple connectivity options including Type-C, Wireless, and HDMI.
- HDMI-out port for extended display. HDMI-in port for utilizing AIO as a monitor.

(Miracast is also available.)





iMWard EPD Bedside / Door Sign Patient Card

Effortlessly display crucial patient information in clear view 24/7 to deliver the best care



- Seamlessly integrate patient information from the hospital information system and automatically display on the iMWard Bedside Patient Card.
- Provide real-time medical care reminders to improve care quality and interactions between caregivers and patients.
- Reduce workload on paperwork - first step towards paperless hospital.

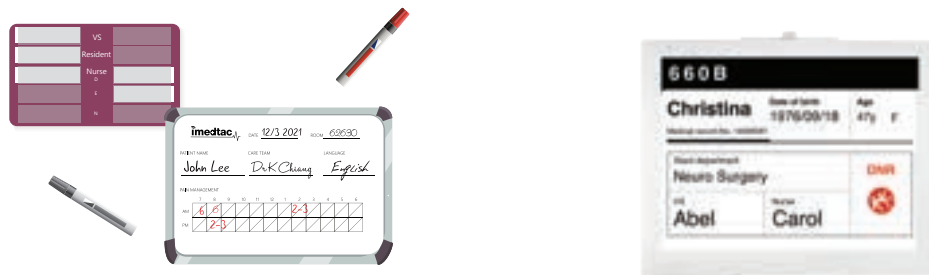
The advantage of iMWard Bedside Patient Card



- ✓ Display pivotal information. Optimize communications between caregivers and patients.
- ✓ Integrate with hospital information system. Update patient information instantly.
- ✓ Reduce caregivers' workload on paperwork.
- ✓ Achieve green hospital with paperless iMWard Bedside Patient Card solution.

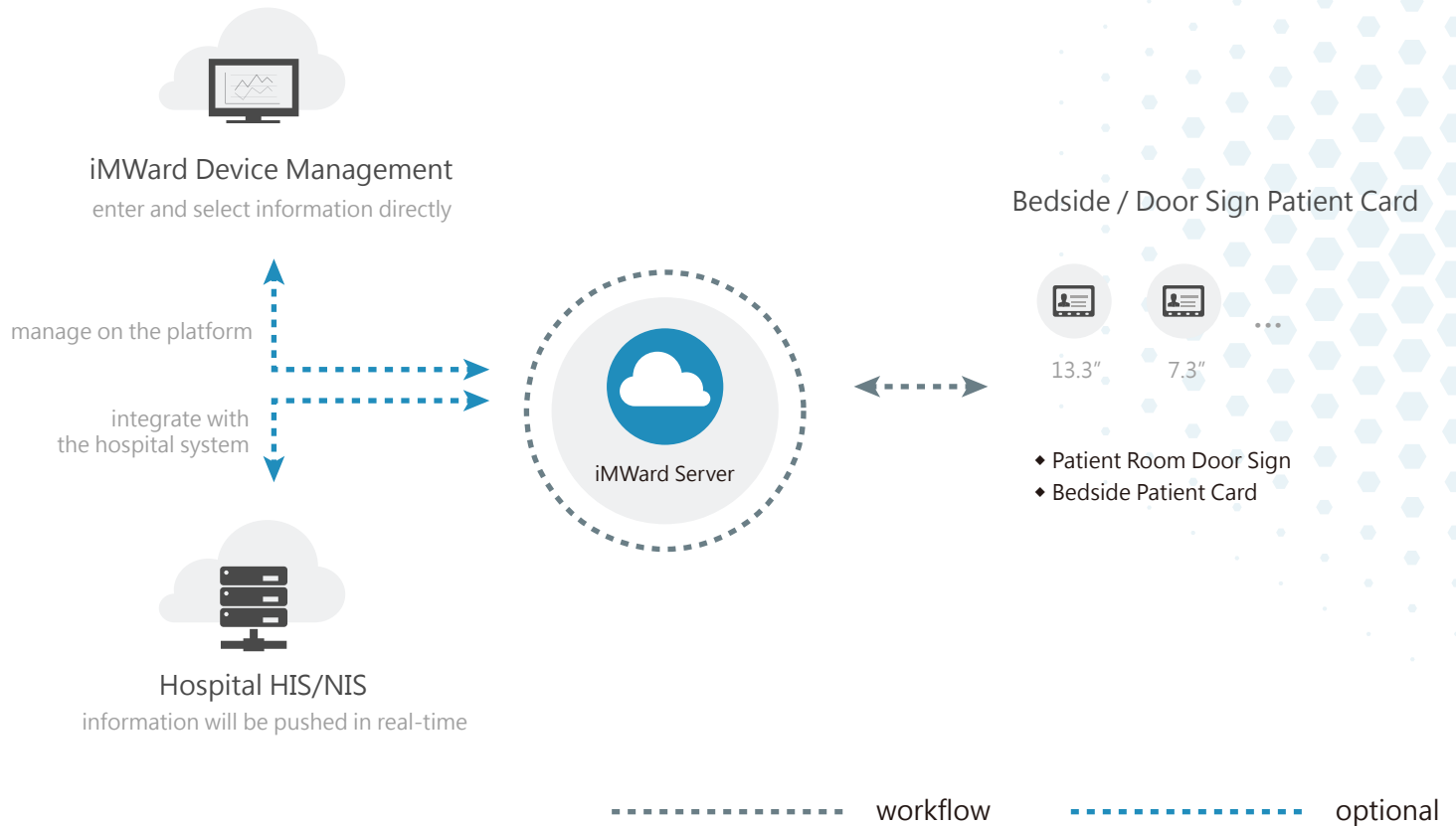
*No light pollution
and low power consumption*

Compariosn

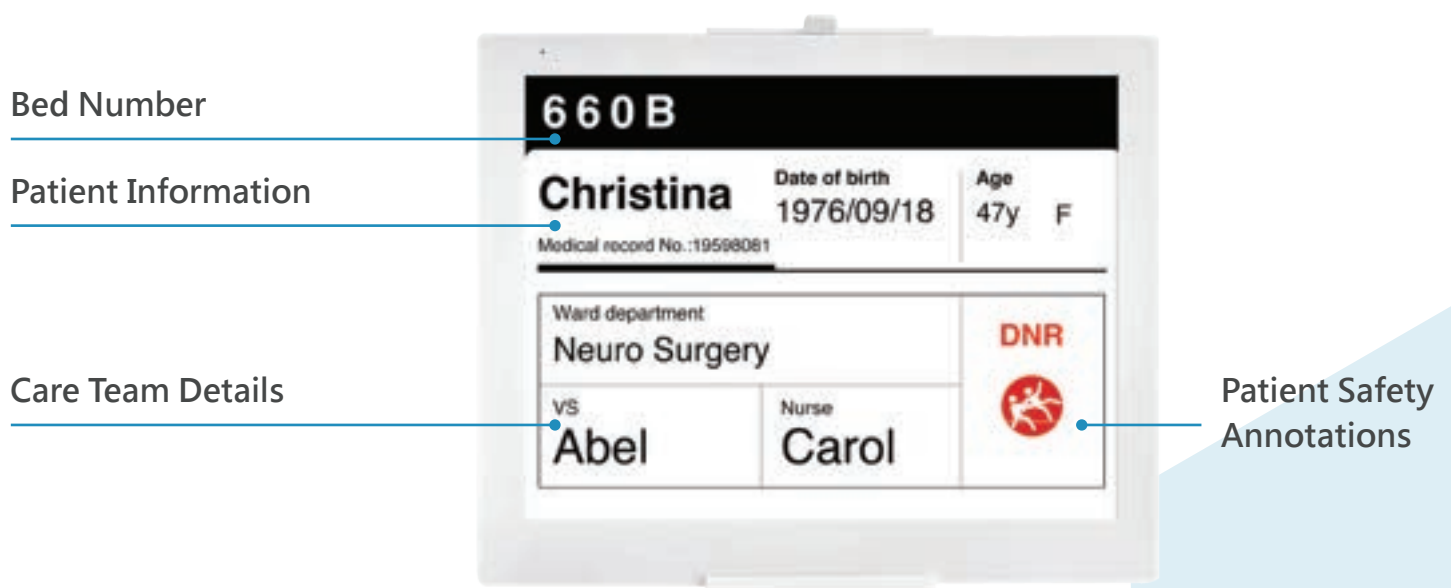


Item	Traditional bedside card	iMWard Bedside Patient Card
Presented information	Limited information	Customized information
Information update	Manually	Instantly
Human error	High	No

iMWard Bedside Patient Card System Architecture



Display Crucial Patient Information Where It is Needed Most



Specification



7.3" Door Sign Patient Card



13.3" Bedside Patient Card

Dimension (L x H x W)	174.1 x 116.3 x 15 mm	314.6 x 260 x 21 mm
Weight	206g	760g
Resolution	800 x 480	1600 x 1200
Color	Black / White / Red	Black / White / Red
Wireless	Wi-Fi 2.4G + BT4.2	Wi-Fi 2.4G + BT4.2
Battery	3000 mAh	3000 mAh
Battery level 100%~0% (Refresh Image per Hour)	100 days	This product requires a power supply to function properly

Why choose imedtac?

We are Taiwan's Healthcare AIoT expert, who can help you enable your medical AIoT business



1000+
bedside cards



10+
institutions

