

Intelligent Medical Imaging USB Flash Drive

The front side is customizable based on the hospital's requirements.

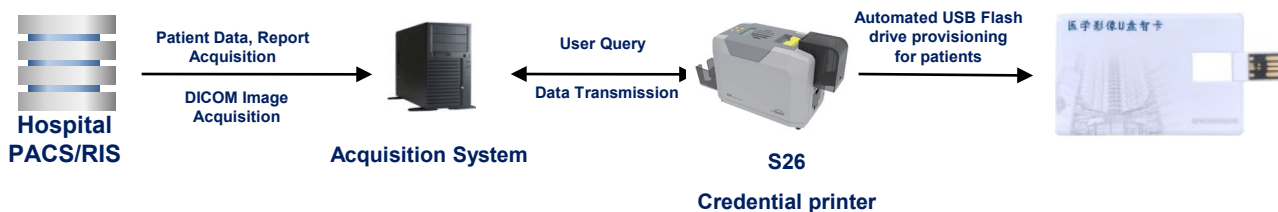
USB Flash Drive capacities: 8GB

Back side prints patient information and examination instructions.



Biohub Intelligent and Fully Automated Medical Imaging USB Flash Drive Solution leverages heterogeneous integration technology to extract patient information, examination reports, and DICOM image data in real-time from PACS/RIS systems. It provides data and imaging delivery services to patients through self-service terminals.

Architecture



Key Advantage



Comprehensive

Access comprehensive imaging data for easy record management and future medical use.



Convenient

Integrated DICOM Viewer
Compatible with Any
Computer Terminal



Eco-friendly

Reduces film consumption,
lowering consumable costs.



Secure

USB Drive in Read-Only Mode to
Prevent Virus Intrusion and Spread.

Credential printer



Side

Compact and Efficient, Reliable and Easy to Use

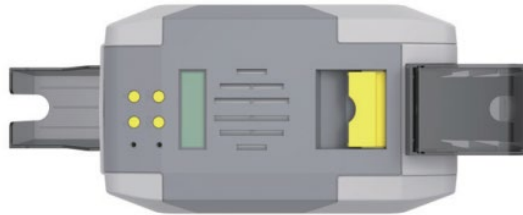
- High-resolution dye-sublimation printing for vibrant and clear results.
- Strong continuous printing capability, saving time and effort.
- Intuitive interface, easy to operate.
- Low noise, high-speed printing, easy to maintain.
- Lightweight design, perfect for any setting.

Features

- Lightweight and compact, reliable and easy to use
- Selectable card output direction
- Single-sided batch printing
- Supports manual single-card feeding
- Card absence alarm and waste card box full alarm



Front



Top



Back

USB Flash Drive Instructions



Medical Imaging USB Flash Drive



Any PC Device



Includes DICOM Medical Imaging Viewing



Medical Imaging Examination Report Viewing



Configuration

Medical USB Data Review System Software	Imaging Acquisition	<ul style="list-style-type: none"> Aggregates patient basic information and examination report data through the Webservice interface of the Radiology Information System . Acquires DICOM images through the DICOM Query/Retrieve service interface provided by the Picture Archiving and Communication System. The collected patient information and imaging data are automatically matched and archived.
	Medical Imaging Management	<ul style="list-style-type: none"> Patient basic information and examination reports are stored in a dedicated database for long-term retention. Imaging data is stored in DICOM file format. Cache duration can be configured as required. For example, images from the past three months can be retained.
	Self-Service Terminal	<ul style="list-style-type: none"> Supports barcode, QR code scanning, and card swiping (input devices configurable). Prints examination reports. Writes DICOM images to USB drives or smart cards; prints patient info (name, gender, exam number, site, etc.)
Dedicated Hardware	USB Flash Drive	<ul style="list-style-type: none"> Storage: 8GB Built-in DICOM image viewer, allowing viewing on any computer terminal. Consumable Configuration: Based on the number of USB Flash drives.
	Credential printer (S26)	<ul style="list-style-type: none"> Dimensions: 293 × 174 × 211.6 mm, 3.9 kg (excluding input and output card slots) Power Supply: AC 100~240V, 50/60 Hz, DC 24-25.5V, 2.7 A Operating Temperature: 15°C - 30°C (59-86°F), 20%-65% non-condensing Minimum/Maximum Operating Conditions: 0°C (32°F) / 40°C (104°F), 20%-65% non-condensing Storage Environment: Temperature: -5°C - 70°C (23-158°F) Humidity: 20%-70% non-condensing, ventilated environment Certifications: CCC, FCC, CE, RoHS, UKCA Input Card Capacity: 100 cards Output Card Capacity: 50 cards Printing Material: PVC, Composite PVC, etc. Printing Area: ISO CR80 (53.98mm × 85.60mm) Resolution: 300dpi × 300dpi, 300dpi × 600dpi, 300dpi × 1200dpi Printing Principle: Dye-sublimation direct thermal printing LCM Display: Chinese: 8 characters per line, 2 lines.English: 16 characters per line, 4 lines Supports multiple languages
	Server Configuration: 1 set	<ul style="list-style-type: none"> Processor: Minimum 16-core processor. Memory: Minimum 64GB RAM. Storage: Minimum 3 x 960GB solid-state drives (SSDs). Operating System: Windows Server 2016 or later version.
	PC Configuration: 1 set	<ul style="list-style-type: none"> Processor: Minimum i5 processor. Memory: Minimum 8GB. Hard Drive: Minimum 256GB Solid-state Drive (SSD). Operating System: Windows XP, Windows 10/11, etc.



To ensure the efficient and stable operation of the Intelligent Medical Imaging USB Flash Drive in your daily operations, we provide a comprehensive after-sales service package. This package includes key services such as system maintenance, fault response, upgrade optimization, technical support, and staff training. Our goal is to offer all-round technical support to ensure the long-term stability of the system and meet your evolving business needs

Service Features

System Maintenance and Inspection

- Regular inspections by technical personnel to identify and address issues promptly.
- Annual preventive maintenance (4 times/year).
- Detailed user profiles and regular maintenance reminders.

System Upgrade and Optimization

- Free system updates and upgrades during the warranty period.
- Software maintenance, including patch updates and version upgrades.

Incident Response and Resolution

- 7x24-hour telephone support with a response time within 4 hours.
- On-site support within 8 hours if remote support is insufficient.
- Maintain detailed records of each incident, resolution steps, and final solution.

Technical Support and Staff Training

- Remote maintenance and support for fast fault resolution.
- Technical support hotline to ensure system uptime >96%.
- Comprehensive training on system operation and maintenance by professionals.

Localization Support

Language Services:

- Provide bilingual technical support in Cantonese and English to meet the language needs of users in the Hong Kong region.

Compliance:

- Ensure that services comply with the laws, regulations, and privacy policies of the Hong Kong region.

Local Support Team:

- Establish a local support team in the Hong Kong region to handle on-site issues efficiently.

