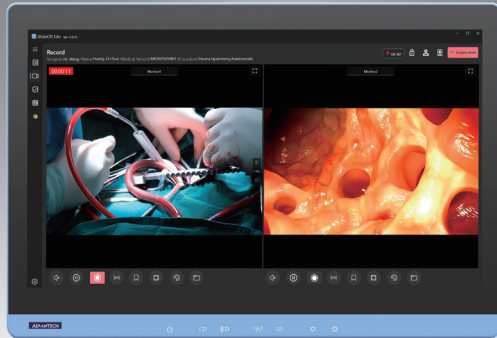


# iVideOR Lite



POC-621 with Capture Card

## Features

- **Guided Workflow:** Step-by-step UI streamlines setup, recording, and documentation.
- **Effortless Surgery Report Out:** Seamlessly create surgery reports by capturing and adding screenshots.
- **All-in-One Video Control:** Record, snapshot, bookmark, and stream from a unified screen.
- **Local Mirroring:** Automatically back up videos and snapshots to a destination path (e.g., USB or NAS) while saving locally.

## Introduction

iVideOR Lite is an all-in-one solution designed for medical recording and "surgery information management". With the POC-621 medical-level touch screen computer, users can "manage surgery information, make snapshots and bookmarks, preview the captured files, upload snapshots in the DICOM format and more." With our intuitive software, our purpose is to enhance professionals focus on medical procedures while having all their video requirements fulfilled effortlessly.

## Key Functions

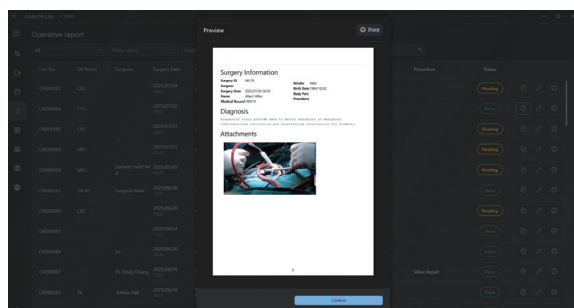
### Surgery information management

The first page of iVideOR Lite provides a clear, centralized view of all surgical cases. Surgical key details are organized for quick access, helping teams to prepare, track, and review procedures with ease.

| Case No. | OR Room | Surgeon         | Surgery Date | Patient Name  | Medical Record | Gender | Birth Date | Procedure                          | Status    |
|----------|---------|-----------------|--------------|---------------|----------------|--------|------------|------------------------------------|-----------|
| 00000001 | 01      | Emily Chang     | 2023/04/15   | David Huang   | 1000000001     | Male   | 1990/05/17 | Cholecystectomy/Endoscopic         | Recording |
| 00000002 | 02      | James Hall      | 2023/04/15   | David Huang   | 1000000002     | Male   | 1991/11/01 |                                    | Recording |
| 00000003 | 03      | Ann Williams    | 2023/04/15   | John Smith    | 1000000003     | Male   | 1985/04/08 | Neuro Total Prostatectomy          | Recording |
| 00000004 | 04      | Chang Brown     | 2023/04/15   | Michael Smith | 1000000004     | Male   | 1978/04/12 |                                    | Recording |
| 00000005 | 05      | Walter Williams | 2023/04/15   | Emily Johnson | 1000000005     | Female | 1990/12/01 | Hepatectomy/Cholecystectomy (L.C.) | Recording |
| 00000006 | 06      | Jay Huang Tan   | 2023/04/15   | Yen-Lin Huang | 1000000006     | Female | 1992/06/11 | Bowel resection                    | Recording |
| 00000007 | 07      | Hong-Mei Chang  | 2023/04/15   | Yen-Lin Chang | 1000000007     | Male   | 1990/12/08 | Prostatectomy                      | Recording |
| 00000008 | 08      | James Chen      | 2023/04/15   | Hsin-Yi Lin   | 1000000008     | Female | 1977/05/23 | Cholecystectomy                    | Recording |
| 00000009 | 09      | David Wang      | 2023/04/15   | Yeh-Ming Wang | 1000000009     | Male   | 1990/06/11 | Trauma Splenectomy                 | Recording |
| 00000010 | 10      | Walter Chen     | 2023/04/17   | Chia-Yi Lin   | 1000000010     | Male   | 1986/06/17 | Prostatectomy (Robot 3d-V view)    | Recording |
| 00000011 | 11      | David Chen      | 2023/04/17   | Lin           | 1000000011     | Male   | 1977/06/17 | Prostatectomy, Appendectomy        | Recording |

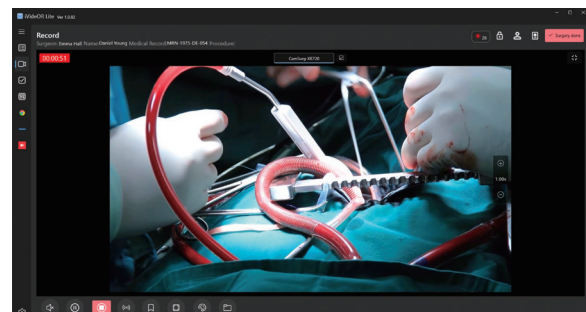
### Easy Surgical Report

Quickly generate reports with diagnosis, procedures, and surgical screenshots.



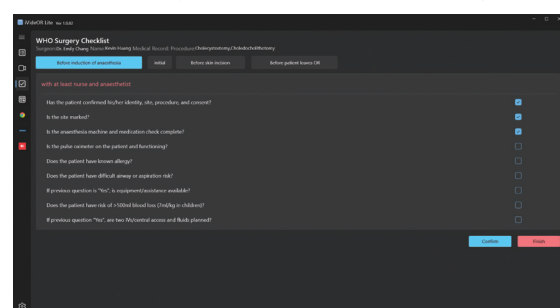
### Preview, recording, bookmarks, broadcast and snapshots

Videos can be previewed live, recorded, bookmarked, and snapshots can be taken at any time. Additionally, users have the capability to share the video through broadcasting within the same LAN.



### WHO checklist

The WHO standard checking procedure for performing operations has been integrated into iVideOR Lite. A customized questionnaire is available via the settings page.



## Specifications

| Service             | Function                    | Description                                                                                                                                         |
|---------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Surgery information | Information establishment   | Supports individual information input and batch synchronizing of Excel files or HIS.                                                                |
|                     | Surgical Information Export | Export surgical records in CSV or JSON format                                                                                                       |
|                     | File management             | Files can be saved and grouped by operation time and medical record number.                                                                         |
|                     | File preview                | Open the folder where captured files are stored and preview snapshots or videos with the default software.                                          |
|                     | Display                     | Show surgery information on the recording page and the WHO checklist.                                                                               |
| Video solution      | Photos (DICOM format)       | Snapshots can be converted to DICOM format and uploaded to a PACS server.                                                                           |
|                     | Recording                   | Videos from different sources can be recorded simultaneously or separately.                                                                         |
|                     | Length notification         | The length of recorded video can be seen during the recording process.                                                                              |
|                     | Disk space                  | Users can see the remaining local disk space on the recording page.                                                                                 |
|                     | Live preview                | Real-time video of medical devices is available on the recording page.                                                                              |
|                     | Display selection           | Supports 1ch/2ch video source preview and operates on one screen.                                                                                   |
|                     | Color settings              | Brightness, contrast, hue, saturation, and sharpness of the video can be adjusted and previewed immediately.                                        |
|                     | Quality reduction           | Supports three resolutions: 1280x720 (downscaled to 2/3), 960x540 (downscaled to 1/2), and 480x270 (downscaled to 1/4)                              |
| WHO Checklist       | Broadcasting                | Videos can be broadcasted within the same LAN and easily shared via a web address.                                                                  |
|                     | Surgical checks             | The standard WHO checklist with an integrated default questionnaire.                                                                                |
| Surgery report      | Editable                    | Questions can be modified by users through Excel files.                                                                                             |
|                     | Editing                     | Create, modify, and update operative reports with surgery details                                                                                   |
|                     | Image Upload                | Upload and attach images to the operative report                                                                                                    |
|                     | Preview                     | Display a read-only preview of the complete operative report                                                                                        |
| Others              | Output & Printing           | Export the operative report as a PDF or print directly                                                                                              |
|                     | Guided design               | The software guides users step-by-step to complete recordings.                                                                                      |
|                     | File backup                 | By assigning local and destination file paths, backups will be performed automatically.                                                             |
|                     | Datasheet maintenance       | Surgery information, procedures, body parts, and the WHO checklist can be maintained through Excel files.                                           |
|                     | External links              | Add external links and icons in the settings page to integrate them into the sidebar. Icons will trigger pop-ups of webpages and apps when clicked. |
|                     | Automatic deletion          | Users can set a time to automatically delete local storage files.                                                                                   |

## System Requirements



### Hardware requirements

1. Greater or equal to an Intel® Core™ i5-8365UE processor
2. RAM: Greater than or equal to 16 GB
3. HD: Greater than or equal to 1 TB (approximately 40 hours of video recording)
4. Screen resolution: 1920x1080
5. PCIe slot: At least one for the capture card
6. 2-ch 4K60 HDMI 2.0 PCIe Video Capture Card
7. Refer to hardware specifications: POC-621

### Software requirements

1. Operating system: Higher than Windows 10 64-bit LTSC
2. The software installation package includes:
  - i. ASP.NET Core Runtime 6.0.11
  - ii. .NET Desktop Runtime 6.0.11
  - iii. postgresql-12.4-1-windows-x64
  - iv. Capture card driver
  - v. Capture card codec library

## Ordering Information

| Product name         | Part number        | Description                                     |
|----------------------|--------------------|-------------------------------------------------|
| POC621, iVideOR Lite | POC-621ORLTL-S1E-C | POC-621 1CH FHD/i5/TL/16G/1TB/wifi/Win10/iVORLT |
| POC621, iVideOR Lite | POC-621ORLTL-S2E-C | POC-621 2CH FHD/i5/TL/16G/1TB/wifi/Win10/iVORLT |
| POC621, iVideOR Lite | POC-621OL4KT-S2E-C | POC-621 2CH 4K/i7/TL/16G/2TB/wifi/Win10/iVORLT  |
| POC621, iVideOR Lite | POC-621OL4TT-S1E-C | POC-621 1CH FHD/i5/TL/16G/4TB/wifi/Win10/iVORLT |
| POC624, iVideOR Lite | POC-624ORLTL-S1E-C | POC-624 1CH FHD/i5/TL/16G/1TB/wifi/Win10/iVORLT |
| POC624, iVideOR Lite | POC-624ORLTL-S2E-C | POC-624 2CH FHD/i5/TL/16G/1TB/wifi/Win10/iVORLT |