

UVP UVsolo touch Imaging System

三門式高解析電泳膠片影像系統

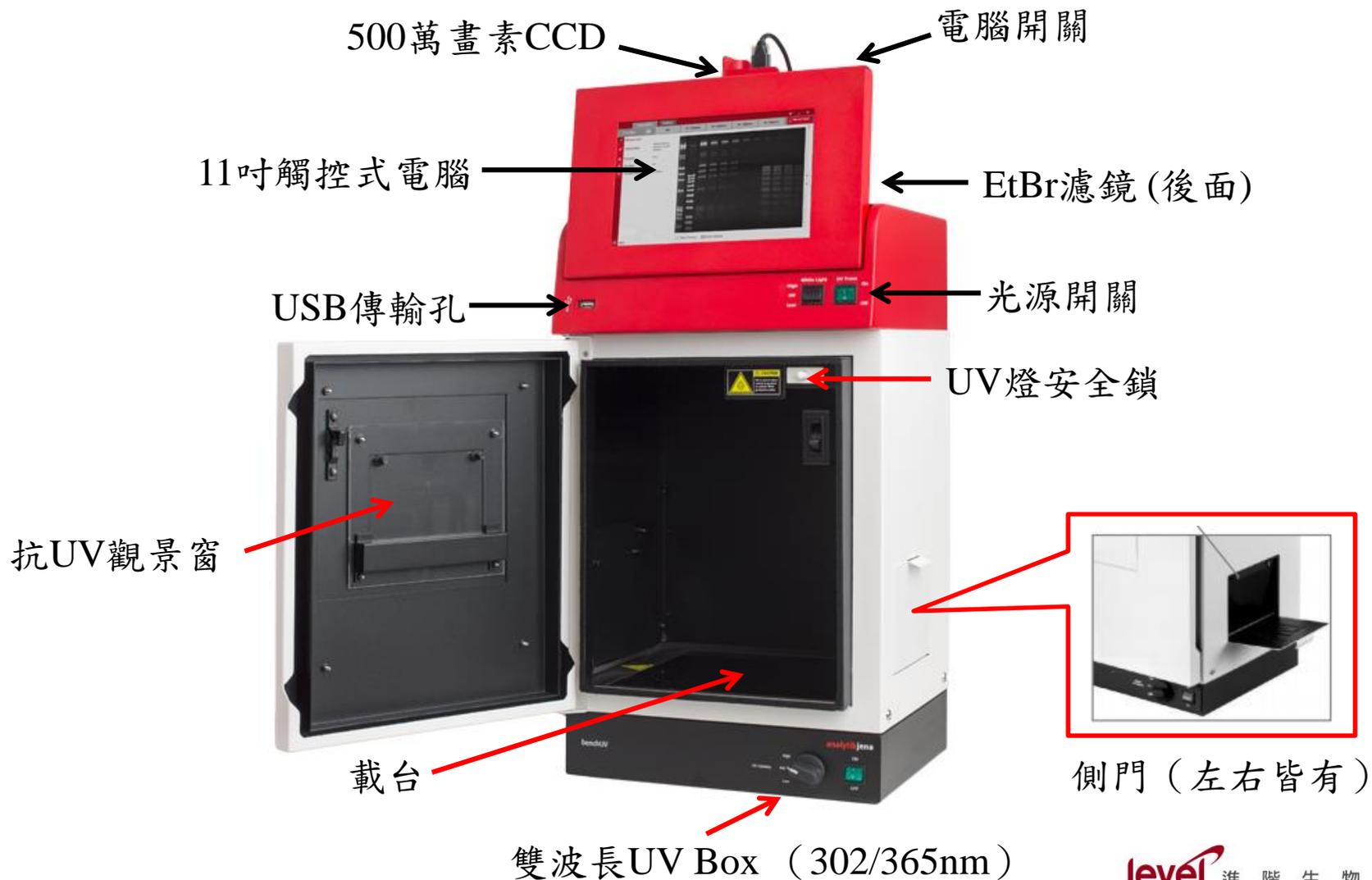


Discovering
new boundaries

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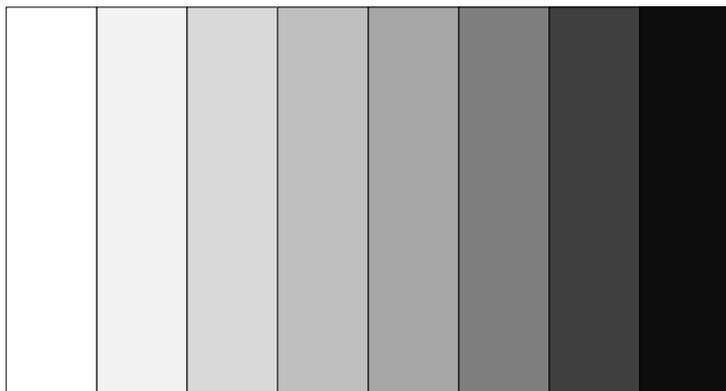
UVsolo touch系統介紹



16-bits CCD真實色階

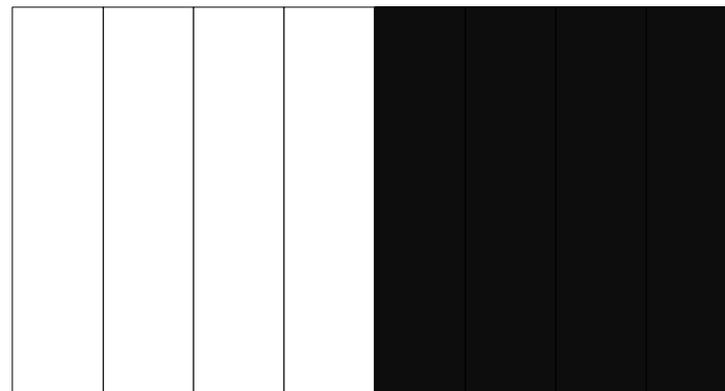
- 真實CCD 16 bit(65536色階) vs. A/D輸出(16384→65536色階)

UVsolo touch



True 16-bit

老舊系統



14-bit A/D16-bit

軟體介面

自訂拍攝模式 (template)

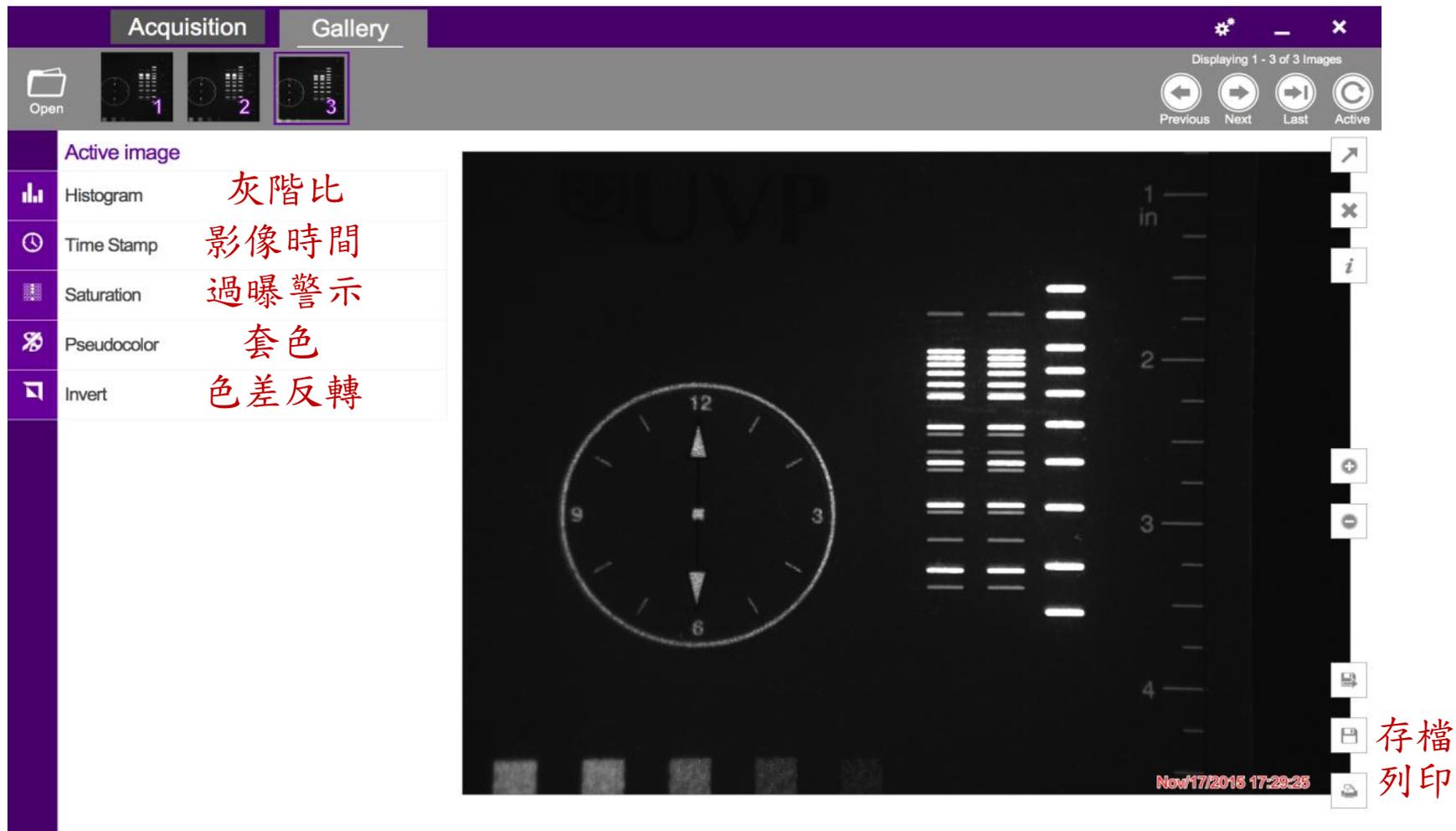
The screenshot displays the software interface with the following elements:

- Gallery Tab:** A red box highlights the template selection area containing: UV-100 ms, UV-500 ms, UV-1 sec, UV-Auto Capture, White, and Manual Input.
- Capture Mode Panel:**
 - Manual Exposure:** A dropdown menu set to 'Manual Exposure'.
 - Exposure Controls:** Four vertical sliders for Min, Sec, Ms, and Micro. The Ms slider is currently set to 39. A red arrow points to these sliders with the label '曝光時間設定'.
 - Number of frames:** A control set to 1.
 - Done:** A checkmark icon at the bottom left.
- Preview Window:** A large central window showing a dark image with a circular reticle and a vertical scale on the right.
- Control Buttons:** At the bottom, two buttons are highlighted with red boxes: '+ Stop Preview' and 'Start Capture'.
- Status Bar:** At the bottom right, it displays 'Preview Started...' and 'Exposing: 0.039 Sec'.

開啟/關閉預覽功能

開始拍攝

影像後製



The screenshot displays the UVP software interface. At the top, there are 'Acquisition' and 'Gallery' tabs. Below the 'Acquisition' tab, there are three image thumbnails labeled 1, 2, and 3. The 'Active image' section on the left contains a list of processing options with their corresponding icons and Chinese labels:

Icon	English Label	Chinese Label
	Histogram	灰階比
	Time Stamp	影像時間
	Saturation	過曝警示
	Pseudocolor	套色
	Invert	色差反轉

The main image area shows a circular clock face on the left and a ruler on the right. The ruler has markings from 1 to 4 inches. The image is displayed in a dark theme. On the right side of the image, there are several control icons: a zoom in (+) and zoom out (-) button, a refresh (circular arrow) button, and a save (floppy disk) button. At the bottom right of the image, there is a timestamp: 'Nov/17/2015 17:28:25'. Below the image, the text '存檔' (Save) and '列印' (Print) is written in red.

影像安全性

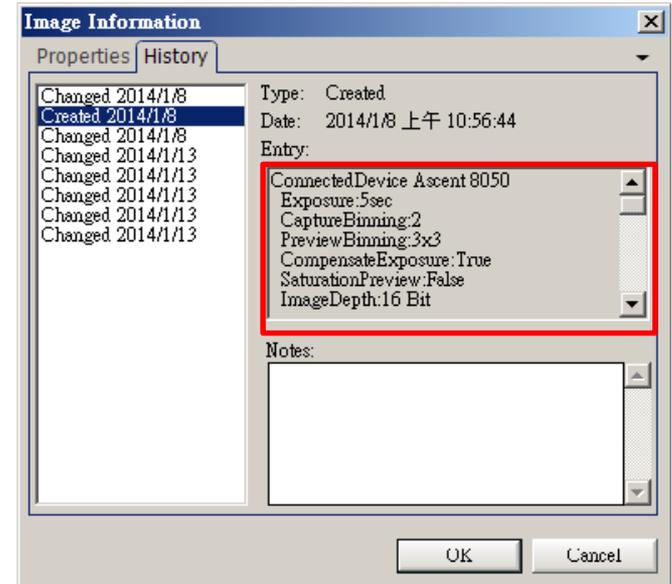
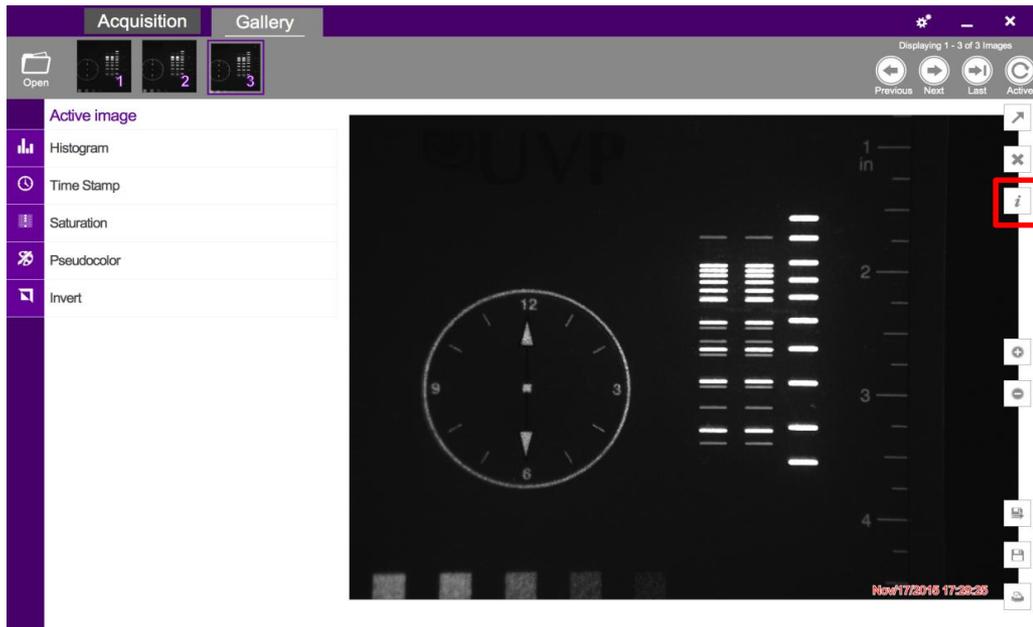
UVP數位影像系統專用軟體—VisionWorks

支援 FDA 21 CFR Part 11規範

- 美國食品藥物管理局於1997年3月20日發表21 CFR Part 11 (Electronic Records; Electronic Signatures)。21 CFR Part 11 (簡稱Part 11)自1997年8月20日起生效。Part 11主要是提供一些規範。在這些規範範圍內，電子資料與電子簽章便可以與紙本手寫資料及手寫簽名具有等同效力。這些規範藉由允許廣泛電子技術的使用，進而促進與保護大眾健康。Part 11適用於所有FDA管理的相關領域。
- 符合21 CFR Part 11規範的影像分析軟體，不允許未經使用者授權的影像或數據調整以及修改，且一切修改皆可追溯，具備高數據可信度以及安全性。

影像安全性

- ✓ 分析軟體符合美國FDA提出的21 CFR Part 11規範
- ✓ 拍照設定、影像編修皆可追溯，保障您的權利



Technical Data

Specifications/features	UVP UVsolo <i>touch</i>
Camera/Lens	GelCam 315, 5.0 MP, with 8-48mm, f/1.2 manual zoom lens
Darkroom features	<ul style="list-style-type: none"> ▪ 11.6" large articulating touch screen ▪ Wide front door with UV safety switch ▪ Gel viewer window ▪ Epi white light ▪ Side access doors ▪ USB ports ▪ Emission filter tray <ul style="list-style-type: none"> ▪ Support for 21 CFR Part 11
Accessories included	<ul style="list-style-type: none"> ▪ Ethidium bromide filter ▪ Choice of transilluminator (Filter sizes: 20 x 20 cm, 21 x 26 cm or 25 x 26 cm; Wavelength: 1 UV 302 nm, 2UV 302/365 nm or 3 UV 254/302/365 nm, 100-115 V/60 Hz or 230 V/50 Hz)
Dimensions: H x W x D	780 x 361 x 338 mm (30.7 x 14.2 x 13.3 inch)
Wireless network capability	Wireless network capable, Wi-Fi, accessory for wired-to-ethernet connection available

Thanks For Your Attention !