



# INFINITY UPGRADEABLE

*New Edge Generation  
Upgradeable To Western Blot Imaging*

## Camera & Optics

CX5 camera:

- Scientific grade camera - Made in Germany
- 5 megapixels resolution extendable to 20 megapixels
- Passive cooling
- 16-bit – 65 536 grey levels
- USB-3 connection
- Motorized zoom lens with feedback
- Field of view: 26x21cm

## Ease Of Use

One-Click-to-the-Image™  
Auto-exposure  
Auto-focus  
Auto-lighting

## Hardware

Smart Darkroom technology:

- Software control of the lighting
- White light led panels with automatic intensity adjustment
- UV cut-off filter and 7 positions filter wheel
- Slide-out PadBox with automatic recognition of the Application Pad inserted

Steel and stainless steel darkroom for long lasting robustness. Wide access door with UV safety shut-off

## Software

Free Bio-Vision software for image acquisition with full GLP compliance. Molecular weight calculation, band quantification, colony counting, distance calculation, text annotation and image enhancement included.

CFR21 Part 11 ready

## Applications

DNA and RNA gels and fluorescence stain imaging:

- Ethidium bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro ruby, FITC, DAPI
- Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging and other EPI white light applications
- Coomassie blue, Silver stain, Ponceau S Red, Copper stain...

Sky-Pad or Blue light conversion screen for DNA/RNA detection (avoid «nicking» DNA):

- Sybr Safe, Sybr Green, eGFP

## Technologies & Innovation

Apps Studio  
3D Dynamics Scan  
SuperResolution  
ImageMaster™ assistant  
Clarity™

## Options

Several Application-Pad can be easily inserted and removed inside the PadBox:

- UV-Pad – 312nm or dual wavelength 312 and 365nm
- Super-Bright-Pad – 312nm or dual wavelength 312 and 365nm
- Sky-Pad: LED blue light transilluminator, 470nm
- White-Light-Pad: white light LED transilluminator
- Spectra-Pad Blue: blue epi-illumination

White light or blue light conversion screen  
Advanced Bio-1D quantification software

CFR21 Part 11 module