

# CHEMILUMINESCENCE & FLUORESCENCE IMAGING

## ALLIANCE 2.7

### Expand your territories



“The Alliance 2.7 is fully automatic, from the motorised f:0,95 lens to the filter wheel. Just one click is necessary for our protocol-driven image acquisition. The sensitivity and resolution are simply astonishing”

#### > Motorised f0.95 lens

The Alliance 2.7 includes an impressive list of features such as autofocus, auto-exposure, UV security timer, motorised f0.95 lens, motorised filter wheel, 12 wavelength illumination options and a multi-position tray system. The automated imaging approach introduced by the Alliance 2.7 is unique in the market as the lighting filter and the lens positioning are fully automatic.

#### > Get the excitation

Epi-Bright Multi-wavelength is an optional light excitation source which enlarges the wide range of fluorescence dye applications. Enter the exciting, new laboratory world of multiplexing, in-vivo, protein imaging, near IR detection and bio-fluorescence. Epi-Bright applications could include Syber-Green™, Flamingo, Sypro-Ruby™, Sypro Orange™, ProQ™ dyes.



Epi-Bright Multi-wavelength features 3 RGB wavelength illuminations on adjustable arms. Simply select the colour channel and get the excitation!

#### > Chemical attraction

- Chemiluminescence, fluorescence & visible
- Multiplexing and bioluminescence ready
- Quantification & documentation
- Gene expression, protein expression, RNA/DNA assay, colonies
- Open to most dyes available on the market from Invitrogen, GE Life Science, Thermo Pierce, Sigma, Millipore, Promega

## ALLIANCE LD2

### Affordable and flexible



“We are very proud of our Alliance LD2. We use it for chemiluminescence and multiplexing. Our razor sharp images are ideal for quantification and publication. We save a lot of time thanks to the very high sensitivity of the system.”

#### > Affordable western blot imaging

Prepare to throw away any preconceptions about what affordable western blot imaging means. You will be hooked from the moment you pick it up. The Alliance LD2 has an exceptional performance camera combined with fully featured, tough hardware and sophisticated software.

In combination with the scientific CCD camera the top quality f0.95 lens ensures high sensitivity and razor sharp imaging.

#### > Tailor your system

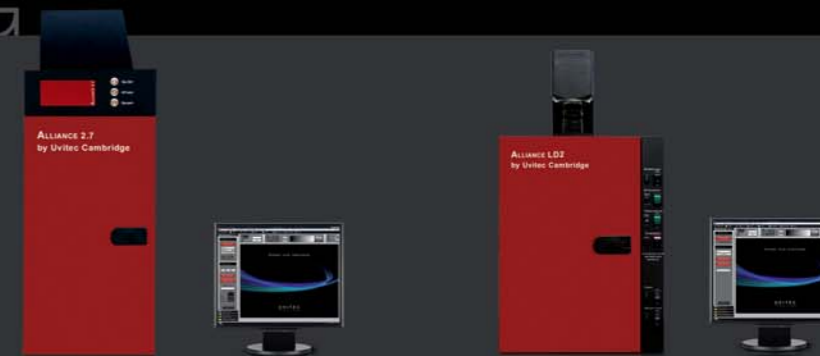
The Alliance LD2 is available in a variety of models to fit your budget and application. Options include, for instance, the scientific optics (manual or motorised with autofocus option), the epi-illumination modes (white light or UVA /UVC and white light) and the transilluminator technology and size (UVI-Pure or standard). The multi-position filter wheel can accommodate custom filters.



The Epi-Bright Multi-wavelength module could also be added to your system to enlarge the wide range of fluorescence dye applications. Enter the exciting new laboratory world of multiplexing, in-vivo, protein imaging, near IR detection and bio-fluorescence.

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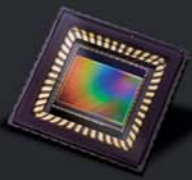



### ALLIANCE 2.7

#### EXPAND YOUR TERRITORIES

### ALLIANCE LD2

#### AFFORDABLE & FLEXIBLE

	CHEMILUMINESCENCE & FLUORESCENCE	CHEMILUMINESCENCE & FLUORESCENCE
	Routine documentation and quantification Ideal for gel and western blot imaging.	Performance at a budget
<b>Configuration</b> 	Steel and stainless steel darkroom Epoxy-painted for chemical resistance Black body imaging grade 6-position filter wheel 8-Watt built-in roll-out transilluminator UV timer & security switch LED White light epi-illumination	Steel and stainless steel darkroom Epoxy-painted for chemical resistance Black body imaging grade 6-position filter wheel Optional transilluminator UV security switch LED White light epi-illumination
<b>Camera &amp; optics</b> 	2 megapixels 16-bit pixel depth (65 384 grey levels) Dynamic range: 4.8 OD Scientific grade camera with electronically variable shutter speed High sensitivity 1 inch sensor Extremely bright fixed lens (f:0,95) – motorised - autofocus Cooling -25°C absolute (-50°C compared to ambient) for the lowest noise	2 megapixels 16-bit pixel depth (65 384 grey levels) Dynamic range: 4.8 OD Scientific grade camera with electronically variable shutter speed High sensitivity 1 inch sensor Extremely bright fixed lens (f:0,95) – manual or motorised Cooling -25°C absolute (-50°C compared to ambient) for the lowest noise
<b>Software</b> 	<b>Alliance 1D software</b> ‘One-touch’ fully automated image acquisition programme Image enhancement, annotation and illustration 3 image analysis modules: - 1D Molecular weight (MW, volume, intensity...) - Colony counting - Distance calculation (RF, IEF...)	<b>Alliance 1D software</b> ‘One-touch’ fully automated image acquisition programme Image enhancement, annotation and illustration. 3 image analysis modules: - 1D Molecular weight (MW, volume, intensity...) - Colony counting - Distance calculation (RF, IEF...)
<b>Options</b> 	<ul style="list-style-type: none"> <li>• <b>Transilluminator</b> UVI-PURE or standard transilluminator. UV surface: 26x21 or 20x20 cm Single or dual wavelength available</li> <li>• <b>Light panel</b> UV to white light conversion screen UV to blue light conversion screen Epi-Bright module</li> <li>• <b>Software</b> UVI-Band or UVI-BandMap (p.28 for details)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Transilluminator</b> UVI-PURE or standard transilluminator. UV surface: 26x21 or 20x20 cm Single or dual wavelength available</li> <li>• <b>Light panel</b> UV to white light conversion screen UV to blue light conversion screen Epi-Bright module</li> <li>• <b>Software</b> UVI-Band or UVI-BandMap (p.28 for details)</li> </ul>