



## Chemiluminescence & Epi Fluorescence

# Alliance Q9 Advanced

The Alliance Q9 Advanced is Uvitec's top-end chemiluminescence and spectral fluorescence imaging system, proudly boasting the highest optics specifications and sensitivity on the market. The Q9 Advanced is fully automated, expandable and tailored to your workflow, upgradeable through plug-n-play technology

## Practicality

- ▶ **1-click to image** > effortless acquisition, in no time
- ▶ **No manual control** > hands-off, automated routines
- ▶ **Fully slide-out tray** > hassle-free sample positioning
- ▶ **Mobile sample tray** > painless westerns imaging
- ▶ **All-in-one** > acquisition – editing – analysis, straight away

## Applications

- ▶ **Femtogram-level** > stunning detection of faintest signals
- ▶ **Uvipure© technology** > enhanced UV for EtBr and all safe stains
- ▶ **Chromapure© modules** > take multiplexing to the next level
- ▶ **Confocal discs** > boosted fluorescence signals capture
- ▶ **Filters** > up to 18 filters to choose from

## Optics

- ▶ **9.2 megapixels** > massive resolution, HD pictures
- ▶ **f/0.80 custom lens** > unrivalled camera sensitivity
- ▶ **-60°C camera cooling** > radical background suppression
- ▶ **OD 4.8 dynamic range** > outstanding weak/strong detection ratio
- ▶ **65,535 gray levels** > research-level protein quantification

## Darkroom

- ▶ **Stainless steel** > long-lasting, robust instrument
- ▶ **Box© concept** > interchangeable transilluminators
- ▶ **Plug-n-play** > upgrade any module, at any time
- ▶ **7-position wheel** > and up to 18 filters to choose from
- ▶ **Q-smart darkroom** > splendid Alliance-line darkroom

▶ <b>Chemiluminescence</b>	Western blotting
▶ <b>Fluorescence</b>	Optional DNA and RNA gels with fluorescent stains
▶ <b>Epi Fluorescence</b>	Optional IR/NIR/RGB multiplexing with up to 8 wavelengths
▶ <b>Bioluminescence</b>	In-vivo Luciferase and Fluorescence
▶ <b>Visible Imaging</b>	Optional Colorimetry and Protein gels