



Chemiluminescence & Epi Fluorescence

Alliance Q9 Advanced Manual

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 a cost-effective imager, fully expandable and tailored to your workflow, upgradeable through plug-n-play technology.

Dims > Height: 845 mm - Width: 470 mm - Depth: 515 mm **Weight** > With Transilluminator: 77 Kg - Without: 72 Kg

Practicality

- Auto-exposure > ideal exposure, for every sample
- Pre-calibrated optics > effortless setting, in no time
- 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
- ► New chromapure© modules > up to 6 simultaneous channels
- 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

- **Brand-new design** > Q-Smart darkroom
- **Box© concept** > interchangeable transilluminators
- Plug-n-play > upgrade any module, at any time
- 7-position wheel > and up to 18 filters to choose from
- Wave to open > auto door aperture

Chemiluminescence	Western blotting
luorescence	Optional DNA and RNA gels with fluorescent stains
pi Fluorescence	Optional IR/NIR/RGB multiplexing with up to 8 wavelengths
ioluminescence	In-vivo Luciferase and Fluorescence
/isible Imaging	Optional Colorimetry and Protein gels