



## Chemiluminescence & Epi Fluorescence Alliance Q9 Manual

The Alliance Q9-Series is Uvitec's top-end chemiluminescence and spectral fluorescence imaging system, proudly boasting the highest optics specifications and sensitivity on the market. The Q9 Manual 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

▶ <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