



Chemiluminescence & Epi Fluorescence Alliance IRIS

The new Alliance IRIS is the latest generation top end imaging system on the market for chemiluminescence and spectral fluorescence western blots. IRIS not only presents the highest optic sensitivity **with an aperture of f/0.75** but also strong innovative features **including our revolutionary DeepEye® and ChromaScan® concept**. IRIS is fully automated, expandable, tailored to your workflow, and upgradable through plug and play technology.

Dims > Height: 686 mm - Width: 406 mm - Depth 499 mm

Weight > 63 Kg

FOV > 21 x 26 cm

Practicality

- ▶ **1-click to image** > effortless acquisition, in no time
- ▶ **No manual control** > hands-off, automated routines
- ▶ **Slide Out tray** > hassle-free sample positioning
- ▶ **All-in-one** > acquisition – editing – analysis, straight away
- ▶ **DeepEye®** > Revolutionized analysis

Applications

- ▶ **Femtogram-level** > stunning detection of faintest signals
- ▶ **Uvipure® technology** > enhanced UV for EtBr and all safe stains
- ▶ **ChromaScan® concept** > homogeneous excitation light
- ▶ **Confocal discs** > boosted fluorescence signals capture
- ▶ **Multiplexing** > up to 7 simultaneous channels

Optics

- ▶ **9.2 megapixels** > massive resolution, HD pictures
- ▶ **f/0.75 custom lens** > unrivalled camera sensitivity
- ▶ **3 stage Peltier Cooling** > Absolute -30°C
- ▶ **OD 4.8 dynamic range** > outstanding weak/strong detection ratio
- ▶ **65,535 gray levels** > research level protein quantification

Darkroom

- ▶ **Touch screen design** > Q-Smart darkroom
- ▶ **Innovative UV** > LED 312nm
- ▶ **Plug-n-play** > upgrade any module, at any time
- ▶ **Motorized filter wheel** > large selection of narrow emission filters
- ▶ **All in one** > stand alone touch screen 15.7 inch and integrated PC

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