

Motorised zoom lens for monitoring nuclear plant hot zones

Resolve Optics has delivered the first batch of a new version of its popular Model 357 non browning 10x zoom lens to a leading manufacturer of radiation resistant instruments.



Image caption: Monitoring in a nuclear plant hot zone

Optimised for a 1/4-inch format camera sensor

– the new lens can withstand exposure to radiation to over a million Gy, enabling operation in nuclear plant hot zones to ensure more reliable processes, greater automation, and less human intervention.

Rob Watkinson,

Sales manager at Resolve Optics said “Offering full motorised control of zoom, iris and focusing this new 1/4-inch variant of our Model 357 lens provides true HD quality images over a 10x zoom range. Operating at f/2.8, the zoom lens provides high image resolution and minimum geometric distortion from 400 to 770nm and can image objects from 1300mm to infinity. Using specially selected non browning glass the lens produces clear sharp images free of the strong yellow tint that has traditionally been a limiting issue when using radiation tolerant lenses on colour sensors”.

To discuss development

of a non browning zoom lens optimized to match your sensor please contact Resolve Optics Ltd. on +44-1494-777100 / sales@resolveoptics.com or visit <https://www.resolveoptics.com/radiation-resistant-lenses-2/>

Resolve Optics

For over 20 years, Resolve Optics has developed a customer centric approach to specialist lens design, development, and supply. The company prides itself on nearly three decades of quickly translating each customer need into an optimised optical design, running projects successfully, and manufacturing production quantities of lenses or optical products on time, to the specified quality and target price.



Worldwide HQ

Resolve Optics Ltd.

Asheridge Road

Chesham

Bucks. HP5 2PT

UK

tel. +44-1494 777100

email sales@resolveoptics.com

www.resolveoptics.com