

# Night Blend

Seamless day and night scene blending solution



Creating a seamless and uniformed blend in across day and night scene while maintaining an optimal image quality can be challenging, especially in demanding simulation environment. Image blending during day scene can already be achieved using electronic edge blend feature. But during night scene, the overlap area would appear doubly bright even with electronic edge blending applied making the overlap area not uniformed — this can only be solved using optical edge blending.

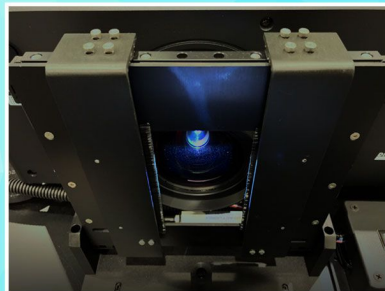
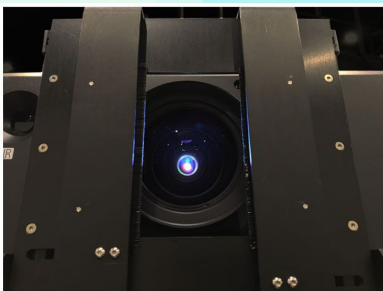


Before NightBlend



After NightBlend

NightBlend is an optical edge blending solution for automatically switching on and off for day and night scene making the image seamless and uniform across bright day scene and dark night scene.



## Features

- \* Uniformed blend quality for both day or night scene
- \* Maintain image brightness and sharpness
- \* Function as standalone or integrated with IG software
- \* Compatible with most types of lens and throw ratio
- \* Customizable mounting frame
- \* High performance with minimal footprint
- \* Flexible control interface options
- \* Flexible orientation

## Specification

* Control Interface	RS-232, TCP, UDP
* Power Supply	12V 1A
* Motor Ingress Protection	IP-54
* Stroke Length Options	30mm, 50mm, 100mm
* Max Force	22N, 42N, 80N
* Operating Temperature	-10° to +50°C
* Control Options	Device auto discovery through network Activate/deactivate group or individual unit Activate/deactivate one or both sides (left or right blend) Device special identifier such as IP address and MAC address Standalone testing utility (RS-232, TCP, UDP)