

VIS+NIR AR Coating

High performance AR coating for
VIS+NIR machine vision systems



Our VIS+NIR anti-reflective coating matches applications where full visible light and high near-infrared performance are important, such as RGB, RCCB, RCCG camera systems, etc., that work alone or in combination with NIR, LiDAR, or TOF devices, providing range detection, contour scanning, or focus setting camera systems.

The top coat of this surface treatment is hydrophobic and abrasion-resistant, and the acrylic based on Cleartech™ is a lightweight filter. The fact that it is acrylic also makes it more impact-resistant than glass, even though it is considerably lighter.

This AR coating is the perfect filter for protecting sensitive optics and lenses.

Some use cases could be applications such as high-performance barcode scanners, dimensional measurement devices, and machine vision systems, where there might be different kinds of sensors and cameras behind the cover glass.

Technical Data

2AR 1AFP: $R \leq 2\%$ @ 470nm
 $R \leq 2\%$ @ 670nm
 $R \leq 4\%$ @ 940nm

Pencil
Hardness: 6H

Base Material: Cleartech™

Thickness*: 1.5mm

* Other thicknesses are
available upon request.