

# Partial VIS+NIR

High performance AR coating for  
VIS cameras, combined with long range  
NIR capabilities



Partial VIS+NIR anti-reflective coating has been developed to perfectly match applications where balanced VIS combined with Extreme NIR performance is critical. The NIR performance allows for perfect signal quality and signal-to-noise ratio for camera systems designed for low-light environments. Here, performance between 850-950nm has been prioritized.

The topcoat is hydrophobic and abrasion-resistant, and the acrylic base material makes the filter lightweight and much more impact resistant than glass. These properties make partial VIS+NIR AR the perfect filter for protecting sensitive optics and lenses.

The partial VIS+NIR AR solution is sheet-to-part, enabling complete design freedom. The partial VIS+NIR AR is suitable for long-range VIS+NIR license plate detection systems and inline machine vision systems where superior NIR performance for long-range functionality is required.

## Technical Data

Base Material:	Clartech™
Pencil Hardness:	6H
Double-sided AR:	Ravg <1% Rmax <2% for 700- 950nm
	Ravg <2% Rmax <5% for 500- 700nm