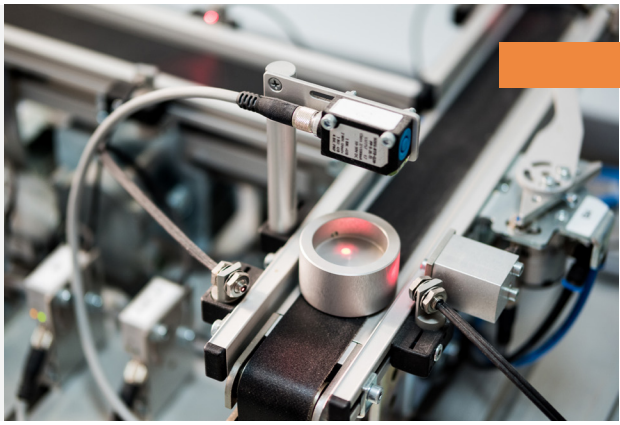
PSC

ALWAYS IN FRONT

Red AR

Anti-reflective coating optimized for maximum performance in the red range



Anti-reflective display coatings are optimized for the wave¬lengths visible to the human eye. However, most machine vision applications only benefit from specific wavelengths within the VIS range or longer wavelengths than those visible to the human eye.

For these applications, we have a range of unique and very effective AR surface treatments called optimized AR coatings. This coating is applied to our acrylic sheet material.

The Optimized AR Coatings are designed to obtain maximum AR performance in the exact application-specific wavelength range. It reduces reflections to an absolute minimum and increases undisturbed transmission in the desired range. This is highly relevant in certain cameras, scanners, and sensor applications.

Red AR
We offer Red AR specially designed for barcode readers. An optimized AR coating is applied to one of our red color filter materials (i.e. Solaris S706). This means that the filter's transmission is improved to almost 100% in the red range, eliminating almost all signal degradations caused by surface reflections.

Technical Data

Red Light Transmission:	Up to 99%
Reflection*: *Guaranteed: 660m +- 30nm. Typically 600 to 700 nm.	< 1%, single-sided

Industrivej 13, DK-9700 Brønderslev | +45 9882 2999 | contact@psc.dk