

Intelligente

Smart cameras combines a PC, a frame grabber, an I/O extension board, and a camera in one housing. There are several advantages:

A smart camera is an optimized system with **high performance** and **low power consumption**. For this reason cooling plays a tangential role compared to classic camera/frame grabber/PC solutions. Because of the **compact size**, smart cameras are suitable for automation tasks as soon as PC systems are oversized. Code reading, position monitoring and position output, for example, are standard tasks of smart cameras.

The **availability** of smart cameras is another plus. Product life cycles of more than 10 years are not uncommon and depend on the availability of single components.