

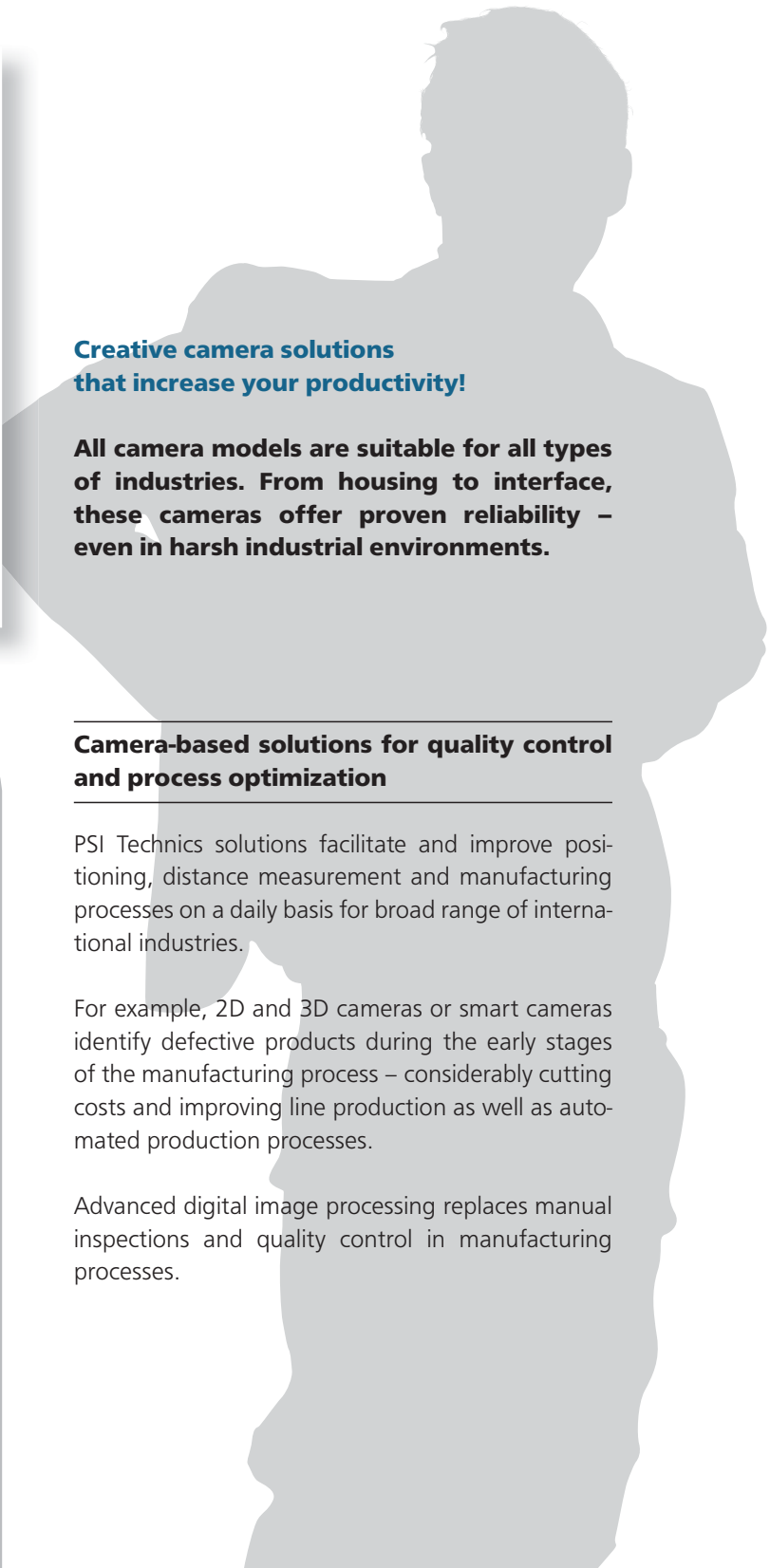


INDUSTRIAL IMAGE PROCESSING

Process Monitoring and Quality Management

Considerably cut costs by using cutting-edge camera solutions!

- >> Improve industrial processes
- >> Reduce costs for manual and visual inspections
- >> Prevent downtimes due to malfunctions
- >> Replace several sensors with one flexible camera
- >> Increase product quality and productivity
- >> Increase customer satisfaction



Creative camera solutions that increase your productivity!

All camera models are suitable for all types of industries. From housing to interface, these cameras offer proven reliability – even in harsh industrial environments.

MEASURE

- >> Length, width, height
- >> Area, volume, size
- >> Object count

DETERMINE

- >> Physical presence
- >> Position (x,y), (x,y,z)

MONITOR

- >> Correct assembly
- >> Form

IDENTIFY

- >> Text and icons
- >> Codes and patterns

Camera-based solutions for quality control and process optimization

PSI Technics solutions facilitate and improve positioning, distance measurement and manufacturing processes on a daily basis for broad range of international industries.

For example, 2D and 3D cameras or smart cameras identify defective products during the early stages of the manufacturing process – considerably cutting costs and improving line production as well as automated production processes.

Advanced digital image processing replaces manual inspections and quality control in manufacturing processes.



INDUSTRIAL IMAGE PROCESSING

Process Monitoring and Quality Management

IVC-2D

Simultaneously reads text, codes and monitors quality!

This smart camera offers a new dimension of smart sensor technology designed for flexible automation solutions.

Not only does the IVC-2D monitor geometries, it also recognizes and reads numbers, letters, data matrices and bar codes, such as expiration dates of perishable goods or pharmaceutical batch numbers – making it a complete solution for monitoring and verifying labels and packaging in one single step.



IVC-3D

3D contour recognition increases quality and efficiency

Our world is three-dimensional. Therefore, the use of 2D cameras always involves a compromise, when height is an issue. IVC-3D is the first smart camera in the world that monitors environments in all three dimensions and delivers unparalleled results.

The IVC-3D 3D smart camera opens up a wealth of opportunities for intelligent sensors and flexible stand-alone automation solutions. It is the first system worldwide that combines the flexibility of smart cameras with the performance of high-speed 3D cameras in one robust industrial package.



2D or 3D? You Decide!

Depending on your application, 3D cameras will yield better results, while 2D cameras may be adequate for tasks in a different environment. We provide expert advice and are committed to finding the ideal solution for your business.

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