

Machine Tool Vision System

This vision system is a high-precision component for integration into machine tools and materials processing equipment. It enhances monitoring and control during manufacturing processes, improving product quality and reducing waste.



Overview

Industrial Machine Tool Vision System

This high-precision vision system is engineered for seamless integration into machine tools and material processing equipment. It delivers enhanced monitoring and real-time data processing to improve manufacturing quality and reduce waste. The system is built for reliable performance in demanding industrial environments, ensuring compatibility with modern automation workflows.

Computing Specifications

| | |
|-------------------|------------------------------|
| Operating System | Windows |
| Processor Support | Intel i3, Intel i5, Intel i7 |
| RAM | 8 GB |
| Storage | 120GB SSD |

Connectivity

Video Output Ports

- HDMI
- VGA

| | |
|----------------------|----------------------------------|
| Available Interfaces | Serial Port, USB, LAN, PCIE, PCI |
|----------------------|----------------------------------|

Power and Environment

Electrical Requirements

240 V

Max Voltage Input

500 W

Power Consumption

| | |
|-----------------------------|-------------------------------|
| Operating Temperature Range | -10°C to 50°C |
| Operating Humidity | 20% - 95% RH (Non-condensing) |