

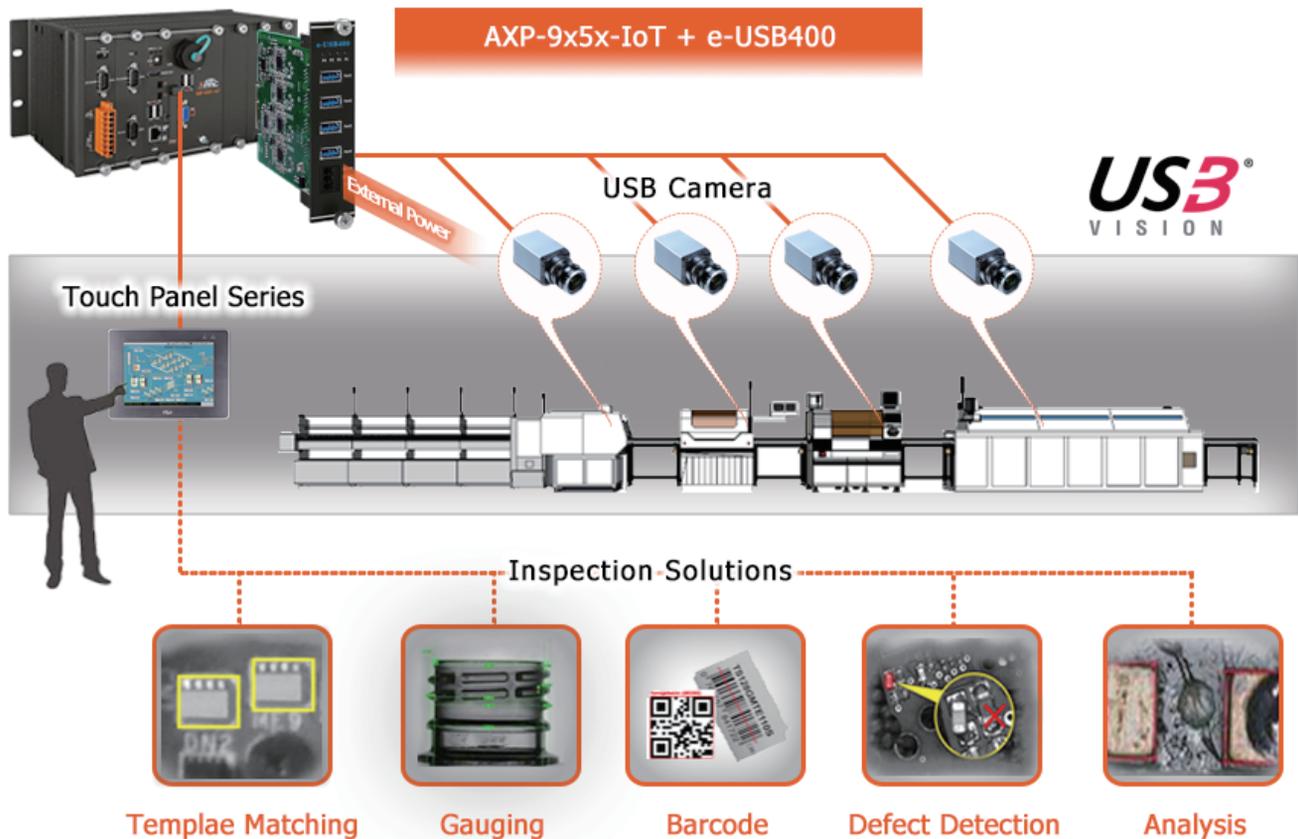
USB Vision Camera

Introduction

AXP series has an 8th Generation Intel Core multi-core processor, is equipped with 32GB DDR4 memory and Windows 10 IoT operating system, with e-PoE400/e-PoE200, e-USB400 corresponds to Vision Cameras with different interfaces, and can provide image capture, processing, Functions such as storage and display, together with different motion control cards and various e-9K/I-9K/I-97K I/O modules, can simplify the development of various machine vision applications to quickly set up the vision system required for work. The vision system plays an important and key role in factory automation. It can be used to guide, inspect and track the production process of product manufacturing, assembly and packaging. Using functions such as visual image capture and image data analysis, it can be adjusted in time and streamlined optimization procedures. Tightly and seamlessly integrate or build into automated processes and equipment, greatly improving productivity and accuracy.

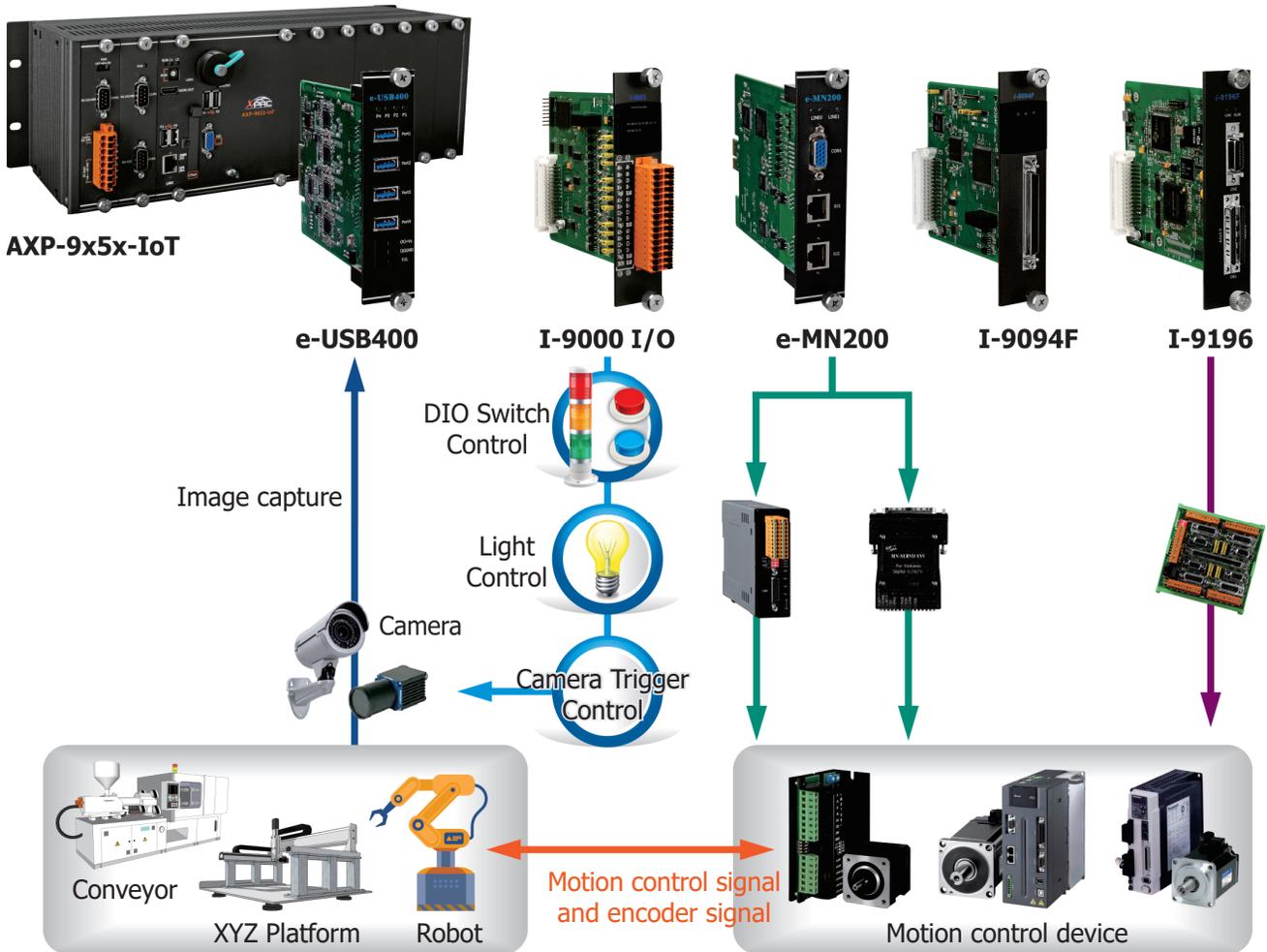
USB camera System architecture diagram

AXP-9251-IoT/AXP-9651-IOT
e-USB400 with Max. 4 USB camera



Vision + Motion control solutions

AXP-9x5x-IoT provides multiple motion control modules (e-MN200/i-9094/i-9196) with image capture module, which can be applied to the field of Automated Optical Inspection (AOI), covering industrial automation Optical inspection equipment for LCD/TFT, transistor and PCB industrial processes, as well as in the IC and general electronics industry, machine tools/automation machinery, motor/electronics industry, metal and steel industry, food processing/packaging industry, textile leather.



AXP controller with I-9093 can generate a periodic trigger signal through its encoder and position comparison sampling circuit. This high-speed periodic trigger can control area and line scan cameras and other industrial inspection applications that require continuous high-speed trigger signals. The image sampling of the optical inspection scanning system triggers sampling at very high speed at regular intervals. The location comparison function can be activated by software or by dedicated DI.

AXP-9000 with I-9093+I-9041+ e-USB00 + USB Vision Camera

