

APPLICATION NOTE

Pick & Place Vision Systems

CAPABILITY

Vision systems facilitate robotic pick & place processes, quickly and accurately detecting the position and orientation of parts - for identification, sorting and packing operations.

Product quality assessment can be included in the pick & place process.



CONFIGURATION

Typical system configuration for a pick & place vision system:

- Special purpose smart camera or vision system with embedded EtherCAT
- LED illumination
- Encoder
- Operator HMI

METHOD

- the vision system detects a part using shape based object identification
- the part's position and angle are output to the robot
- the robot then picks the part and places it in the correct orientation

CONSIDERATIONS

- IP rating requirements
- available mounting and system hosting infrastructure

OFFER

Call 1300-478-474 for your Free "Size & Purpose" Site Audit to help you start minimising your rework, rejections and recalls.

TECHNOLOGY PARTNERS

