



MOTOSIGHT™ 3D

CortexVision

ASSEMBLY | DISPENSING | IDENTIFICATION | RACKING | SORTATION

KEY BENEFITS

Train new parts in seconds

No camera calibration is required

Simple point-and-click teaching; no programming required

Auto-refinement provides high accuracy

Color camera technology provides additional object detail

- Easy-to-integrate, comprehensive solution simplifies use of 3D vision in robotic guidance applications.
- Ideal for precise part location required in assembly, racking, dispensing, machine loading and product sortation applications.
- Point-and-click software environment and self-learning technology dramatically reduces setup time.
- Easy-to-use interface simplifies part training, even for complex parts.
- Capable of recognizing a large number of objects.
- Conventional 2D camera utilizes (GigE) technology to identify an object and its position in six degrees of freedom (X, Y, Z, roll, pitch and yaw) without the use of structured lighting.
- Camera calibration is not required due to advanced algorithms and unique recognition of trained patterns.
- MotoSight 3D CortexVision package includes:
 - Embedded vision processor
 - GigE camera technology
 - High-flex cabling
 - Ethernet communication
 - 10-meter cable
- An IP67-rated camera is available as an option.

CONTROLLERS



DX200



DX100



FS100

motoman.com

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