

3D Vision Sensing in Manufacturing: Applications and Supply Chains (pre-order)

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Abstracts

The Industry 4.0 trends have pushed many automated manufacturing systems and equipment to move forward. Among them, the development of 3D vision sensing has attracted most attention. Designed to for increasingly sophisticated human-machine collaboration scenarios, 3D vision sensing simulates human eyes using optical technology to identify different objects in complicated environments. The combination of AI and 3D vision sensors endows machines with the ability to think and make judgements like a human brain and then make decisions based on the situation. This report analyzes the development of 3D vision sensing in recent years; looks into manufacturers' application needs and their supply chains; and examines the future trends of 3D vision sensing

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