



R2100 2D LED Scanner

- **Time-of-flight distance measurement with PRT**
- **2D measurement with Multi-Ray Scan**
- **Eye-safe, Ultra-IR LEDs have powerful performance and long lifetime**
- **No moving parts for added durability in difficult environments**
- **Multiple, wide-beam emitters ensure reliable object detection regardless of surface texture**
- **Fast response time for rapid processes**



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- **Serial interface – RS232 protocol**
- **8 m detection range**
- **88° field of view – wide beam coverage**
- **1 mm / 8° resolution (distance/angle)**
- **50 Hz scan speed**
- **Wide operating temperature range and IP67 rating**





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- **Collision avoidance on overhead monorails**
- **Detect empty or full cartons on conveyors**
- **Verify pallet absence or presence in storage bays**
- **Driver assistance systems for forklift trucks**
- **Ensure guidance along a harvesting line**

