AGV Presentation

Hardware

Camera for monitoring Touchscreen for manual Sensors for avoiding configuration and display obstacles easier operating data 382mm 181mm 515mm

Start/Emergency Stop button

IoT Project Automated Guided Vehicle

A robot with manual and auto operation modes which is used to transport packages from the warehouse to production lines

- * Get the package from operation staff, then transport to the desired production line by defined route on the floor via sticked RFID cards
- * Intergrated navigation system with multi methods: RFID card, Bluetooth Low Energy stations
- * Provide monitoring and controlling User Interface via web app with API endpoints for intergrating with other systems like MES



* Can be combined with robotic arm to make fully automated warehouse solution from picking, sorting, storing and transporting packages

User Interface

