

robotize

- Autonomous transportation robot with a dedicated design to handle high loads for U.S pallets.
- Comprehensive range of CE-approved solutions for the automation of internal pallet transport in factories and warehouses.
- Designed and approved for safe cooperation with humans and handles a wide variety of pallet formats and payloads.
- Fully integrated solution with robots, pallet stations, and software that can be onboarded quickly.



GOPAL U24W



Dimensions:

1400 x 1060 x 360 mm
Robot Weight: 242 kg

Load:

Maximum payload: 1200 kg
Length (max): 1240 mm
Width (max): 1020 mm
Height (max): 2400 mm

Performance:

Battery time: 6-14 hrs
Maximum speed: 2 m/s (7.2 km/h)
Turning radius: 1050 mm

Safety:

- Laser scanners with 360° protection
- 4 x emergency stop buttons
- Mechanical bumper with 360° protection

Floor Requirements:

Slope average (max): up to 10%
Friction Coefficient (min): 0.6
Maximum height of obstacle: 3 mm

Recommended Lane Conditions:

Operational lane width: 220 cm
High speed lane width: 320 cm

Pick up & Delivery

The GoPal Autonomous Mobile Robot uses GoPal Pallet Stations as pick up, delivery, and transit points. Pallet stations can be delivered in different configurations, stand-alone, or with a conveyor belt interface.



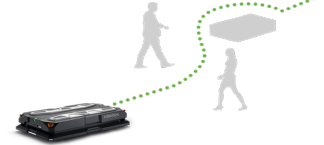
Reporting / Data Collection

The GoPal provides valuable data including operational data, service data, and reports on both individual robot and system level. (Average and maximum pickup latency, errors, etc.) The data collected is logged in the GoControl computer for future optimization, troubleshooting, and servicing.



Agile & Autonomous Navigation

Features intelligent navigation which allows GoPal to make dynamic decisions on the fly. Obstacles are no challenge as GoPal will drive around or find the shortest alternate route.



Plug & Play Flexibility

Designed to fit known industry standards. GoPal allows you to automate most of your pallet transport without changing your workflows.



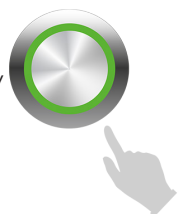
ERP/WMS System Intergration

GoPalU24W is fully integrated into your existing ERP/WMS system. The GoPal Autonomous Mobile Robot operates exclusively on your company's internal network and does not require internet access.



Simple Interface

Users interface with the robot indirectly through a simple push button, a barcode scan, or a web browser on a tablet. Simply connect the GoPal to WiFi to enable communication with the GoControl computer.



MAIN OFFICE
1600 Parkwood Circle SE, Suite 320
Atlanta, GA 30339
+1.864.561.3678
sales@uchimurarobotics.com

MIDWEST OFFICE
4050 Executive Park Drive, Suite 205
Cincinnati, OH 45241
+1.864.561.3678
sales@uchimurarobotics.com

WEST COAST OFFICE
790 South Michigan Street
Seattle, WA 98108
+1.206.231.9257
sales@uchimurarobotics.com



PN-211011