DEMiR | 100

QUADRUPED ROBOT PLATFORM

#UnmannedSystems

DEMİR 100, designed entirely by ASELSAN, is a quadruped robot platform that can be used in difficult terrains due to its high mobility and reconnaissance/surveillance capabilities.

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QUADRUPED ROBOT PLATFORM

DEMİR 100 quadruped robot platform, designed entirely by ASELSAN, is being developed for use in missions such as reconnaissance, logistical support, and security. With durability, mobility, payload additions, and sensor integration, it can operate autonomously under challenging terrain conditions in compliance with military standards.

System Features

- Weight : < 45 kg
- Payload Capacity : > 10 kg
- Environmental Conditions
  - Operating Temp. Range : -20°C / +50°C
  - Sealing : IP67

Payload Interfaces

- Power Outputs
- Analog / digital communication protocols
- Mechanical integration interfaces

Command Control Interface

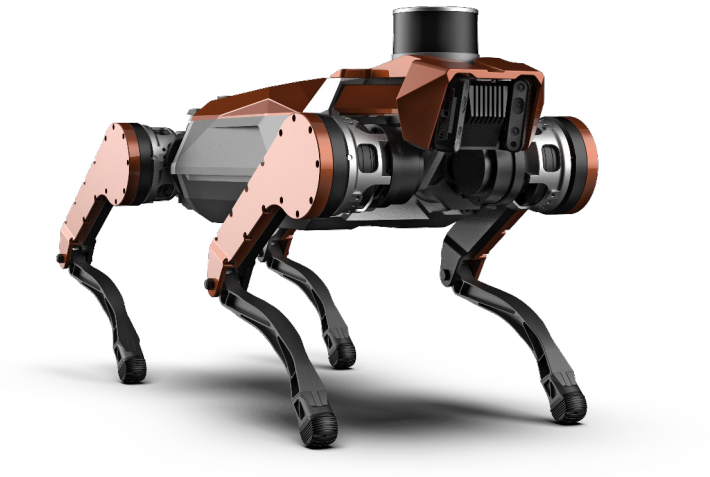
- Wireless Military SDR, MIMO Mesh / WiFi / LTE
- Ruggedized Military Grade Controller
- Android Tablet Option

Internal Sensors

- Front/Rear/Right/Left Wide Angle situational awareness cameras

Mobility

- Functional runtime: > 2 hours (Fully Loaded)
- Forward and side slope: > 40° (88%)
- Visually assisted walking
- Blind walking
- Self-Recovery in case of a fall
- Maximum pace: > 2m/s



Specifications are subject to change without any notice. | All tolerances are within ±10%.

SST - DEMİR 100 - 12.2024

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