

Technical Datasheet

QUADRUPED A1

Status: February 2021



General

Speed	3,3 m / s (11.88 km / h)
Torque	33.5 NM
Rotation speed	21 rad / s
Dimension (L*W*H)	500 x 300 400 mm
Weight	12 kg
Payload	5 kg
Power input	24 V
Power supply	5 V, 12 V, 19 V

Performance

RTOS	Ubuntu (16.04 oder 18.04) + ROS
Operating Time	1 - 2.5 h
Multi-Eye Intelligent Depth Camera	1080 Px resolution Depth Distance 0.3 ~ 10 m
Video Transmission	Real Time HD
Real Time Operating Systems	2
External Interfaces	4 USB, 2 HDMI, 2 Ethernet

A1 Motor

Weight	605 g
Joint Angular Acceleration Feedback	Equipped
Torque / Weight Ratio	55.37 Nm/kg
Encoder Resolution	15 bit
Output Bearing Reliability	Large size reliable industrial cross roller bearings

Manufacturer Specifications

EAN	0096718605262
Package weight	25 kg