

pika From Lab to Field Research:

A Universal, Fast Data Collector Solution for Embodied Intelligence.





Pika Sense

A handheld, portable device that independently captures multi-modal data.



Pika Gripper


An adaptable module that mounts on robotic arms for precise gripping and concurrent data collection.



Pika Station

Provides millimeter-level spatial positioning to ensure high data accuracy.



Pika Sense 	
Category	Parameter
Dimensions	215mm × 220mm × 257mm
Weight	550g
Positioning Accuracy	±1.5mm
Supported Data	RGB images, depth images, IMU data
Gripper	Two-fingers gripper; Range: 0-95 mm ; Max. force 2kg
Depth Camera	FOV: 87° × 58°; Accuracy: ±2% @ 50cm; Frame rate: 90FPS
Wide-Angle Camera	Diagonal FOV: 200°; Maximum frame rate: 90FPS
IMU	9-axis; Output frequency: 100Hz

Pika Gripper



Category	Parameter
Dimensions	215mm × 191mm × 143mm
Weight	690g
Gripper	Two-fingers gripper; Range: 0-95 mm ; Max. force 2kg
Depth Camera	FOV: 87° × 58°; Accuracy: ±2% @ 50cm; Frame rate: 90FPS
Wide-Angle Camera	Diagonal FOV: 200°; Maximum frame rate: 90FPS
IMU	9-axis; Output frequency: 100Hz
Compatibility	Universal flange interface; Compatible with various robotic arms

Pika Station



Category	Parameter
Positioning Range	Horizontal FOV: 110° × Vertical FOV: 150°
Tripod	Maximum height: 2.1m; Supports pitch adjustment
Battery Life	30 hours

Pika Package

Category	Parameter
Function	Portable Integrated Unit: Storage + Power Supply
Supported Capacity	Supports up to 1TB of data storage

Applications



Data Collection

Accelerates data acquisition for AI training/validation.



Development

ROS-integrated platform for easy development and scalability.



Research

Lightweight & portable design for field research in diverse environments.

pika

Low-cost, Multi-platform tool for Larger Spatial Science



Product Video



X (Twitter)



YouTube



LinkedIn

