

Goji Berry R1

Goji Berry R1: A powerful, scalable AI imaging solution featuring MCU, NPU, Wi-Fi, and integrated sensors. Delivers seamless cloud integration, rapid deployment, and real-time insights that drive innovation and efficiency.



Key Features



AI Processing



Seamless
Connectivity



Modular
Design



Rapid
Deployment

About us

Modular Imaging Technology Inc. delivers high-fidelity, scalable modular solutions, empowering customers with seamless technology that simplifies processes, enhances performance, and drives innovation.



Boston | Singapore | Taipei

20+ years expertise

With over two decades of expertise in advanced module development, we provide high-fidelity, scalable solutions tailored to solve complex challenges.

Modular Imaging Technology Inc.

www.modular-i.com

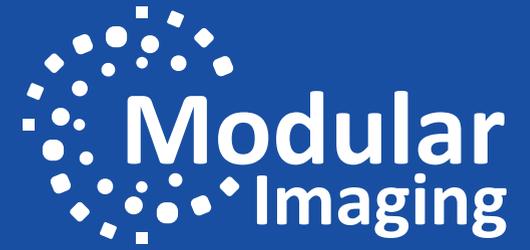
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Who We Are



Goji Berry R1



Shaping Tomorrow with Modular AI



Goji Berry R1

LOW POWER
NPU-ENABLED
AI MODULE

Low Power NPU-enabled AI Module



Modular Hardware Design



Continuous AI Model Learning



Low Power Operated



Real-Time Model Updates



Embedded AI Detection



Device Services Containers

Goji Berry R1

Goji Berry R1 is a low-power, NPU-enabled edge AI module delivering real-time, on-device AI processing with rapid model switching and continuous learning-perfect for versatile, energy-efficient applications.

What's Different?



All-in-One Solution

Pre-configured and production-ready, ideal for rapid integration



Battery Operated

Low power for remote deployments



AI Model Switching

Easy AI model management



Goji Berry R1



Brinno Worksite Cam

Applications



Workspace monitoring



Emergency response



Wildlife analytics



Healthcare

Specifications

Chipset Realtek Wi-Fi integrated NPU

NPU Capacity 0.4 TOPS, 10 FPS for AI Inference

Streaming H265 30fps

Wi-Fi 802.11 a/b/g/n, 2.4GHz/5GHz

Power Source 3V - Ultra-low power consumption

Battery Powered up to 6 months

Video 1080P Full HD

Image Processing ISP, Night Vision

OS FreeRTOS with SDK supported

Cloud Integration Device management

AI model deployment and update



Scan QR code for more information or visit:

goji-berry.ai/specs

