



Goji Berry R1: All-in-One AI Vision for Low-Power Integrated Applications

MP-READY MODULE



Goji Berry R1

Goji Berry R1 is a fully integrated hardware-software solution featuring a robust PCB module with MCUs, NPUs, Wi-Fi, and imaging sensors.

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
	Battery Powered up to 6 months
Video	1080P Full HD
Image Processing Support	ISP, Night Vision
OS	FreeRTOS with SDK supported

LOW POWER NPU-ENABLED AI MODULE

-  Modular Hardware Design
-  Low Power Operated
-  Embedded AI Detection
-  Continuous AI Model Learning
-  Real-Time Model Updates
-  Device Management

WHAT'S DIFFERENT?

-  **All-in-One Solution**
ISP+ Wi-Fi/ BLE
-  **Battery Operated**
Low power
-  **AI Model Switch**
Easy to manage AI model



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Goji Berry R1 is an innovation developed by Modular Imaging Technology Inc.
For more information, please visit www.goji-berry.ai or contact: info@modular-i.com