Goyalab

TECHNICAL SPECIFICATION

Latest Update: 2026

Hardware Compatibility Guide — GoSpectro

The **GoSpectro** turns any smartphone into an ultra-compact mobile spectrophotometer. Thanks to its universal optical alignment clip and dedicated application, it is compatible with virtually all **iOS** and **Android** devices available on the market, spanning both legacy and modern generations.

Universal Optical Compatibility Principle

Virtually all smartphones are compatible, with the sole exception of rare devices featuring a primary rear camera located *strictly in the geometric center of the rear panel* (a centered layout prevents proper clamp reach and optical docking). Any phone with a corner or edge-aligned camera module is fully operational.



Corner / Edge Camera (Compatible)

Camera positioned in the top-left, top-right, or along the upper edge. Quick mounting, precise centering, and optimal light intake.



Dead-Center Camera (Incompatible)

Camera positioned right in the center of the rear panel. The adapter clamp travel range cannot reach the sensor for docking.

ECOSYSTEM OVERVIEW (IOS & ANDROID)

Apple iPhone — 100% OK

iPhone 6s to iPhone 16 / Pro / Pro Max / Plus / SE.

All Apple devices place their primary rear camera module in the top corner.

Samsung Galaxy — Compatible

Galaxy S series (S20 to S25, Ultra), Galaxy A, Note 9/10/20, Z Flip/Fold.

Only verify older pre-2018 devices with centered camera hardware.

Google Pixel — 100% OK

Pixel 3 to 9 / Pro / Pro XL / Fold / "a" series (6a, 7a, 8a, etc.).

The upper horizontal camera bar easily aligns with the optical mount.

Xiaomi / Redmi / POCO — Compatible

Xiaomi 11 through 15 series, recent Redmi Note, POCO F / X series.

Lateral or top-edge lens assemblies dock seamlessly with the clip.

Huawei / Honor — Compatible

Huawei P / Mate / Nova series; Honor Magic and numbered series (70 to 200).

Primary sensors are fully accessible via standard alignment guides.

Sony / Motorola / Oppo — Compatible

Sony Xperia 1 / 5 / 10; Moto Edge & G; Oppo Find & Reno families.

Edge and lateral camera arrays are thoroughly certified.

Quick Pre-Use Checklist

- ✓ **Lens Position:** Primary camera must be located within 35 mm of the top or side edge.
- ✓ **Operating System:** iOS 12+ or Android 8.0+ running the GoSpectro official application.
- ✓ **Protective Case:** Remove bulky kickstand cases or thick bumpers to guarantee a flat optical contact.
- ✓ **Multi-Lens Arrays:** Mount the GoSpectro over the main 1x wide-angle primary lens.