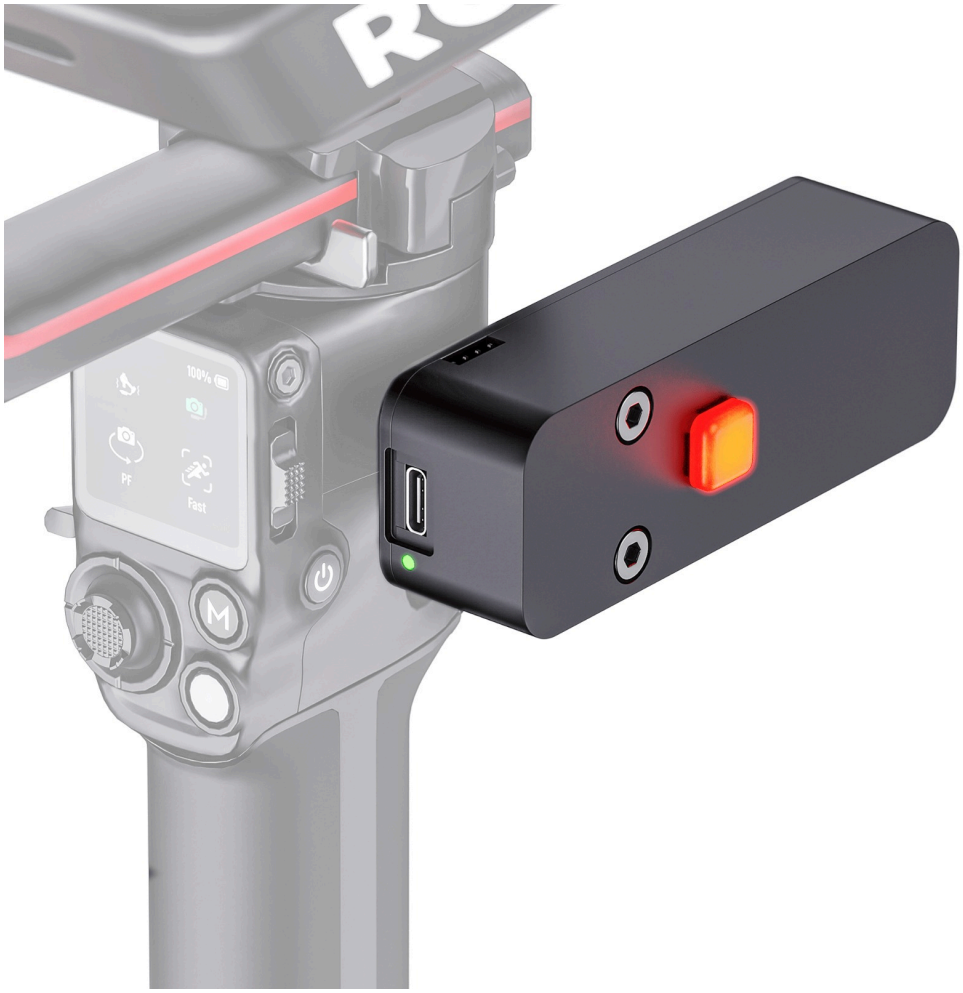


APC-R Mini

The DJI gimbal add-on for Middle Control. Mount it on an RS-series gimbal and pan, tilt, roll and zoom from the same app that controls your cameras, over Wi-Fi or Ethernet.

Description

The APC-R Mini turns any supported DJI RS-series gimbal into a fully controllable PTZ head over the network. You get true cinematic image quality in live production without the optical limitations of traditional PTZ cameras — and keep remote pan / tilt / roll control, the Focus Motor / Zoom, position presets, joystick integration, and multi-camera studio workflows.

Combine your favourite lenses, cameras, and gimbals into a high-quality affordable remote camera that drops into your live-production workflow. It's an alternative to all-in-one PTZ heads, with the advantage of larger sensors and custom lenses.

With the Middle Control desktop software (macOS, Windows public beta) you can map any USB gaming-joystick axis or button to a gimbal action — Pan, Tilt, Roll, pan-tilt speed scaling, and Focus Motor / Zoom. Or use the dedicated Middle Remote or Middle Remote Pro. The Mini turns your existing camera setup into a high-quality PTZ head, at an affordable price.

Remote gimbal control

The APC-R Mini mounts directly on the gimbal's **RSA port** — no separate cable, no adapter — and draws its ~1 W of power from it. Connect it to your network over Ethernet (recommended) or 2.4 GHz Wi-Fi.

With Middle Control you can drive up to **15 DJI gimbals on macOS or Windows** remotely from a single computer — through the Middle Remote or Middle Remote Pro, a USB gaming controller, or a Stream Deck running Bitfocus Companion — over long-distance Ethernet, just like a regular PTZ camera.

Remote camera control

With supported Blackmagic cameras you also get remote control of Shutter, Iris, WB, Gain, Focus, and more over Bluetooth, on top of the gimbal's Pan / Tilt / Roll and the Focus Motor.

With an ATEM switcher in the chain, Middle Control reaches the ATEM's CCU — Lift, Gamma, Gain, Contrast, Saturation, Sharpening — for a fully integrated live-production workflow.

Multiple control options

Mounting the APC-R Mini on your gimbal unlocks several control surfaces, all converging in Middle Control:

- USB gaming joysticks
- Middle Remote
- Middle Remote Pro
- Bitfocus Companion (Stream Deck)
- VISCA over IP (with Middle Control Pro)
- Custom TCP commands via the SDK / API

Save position presets

Save custom Pan / Tilt / Roll / Zoom presets and recall them later. When Middle Control is also connected to a Blackmagic camera, you can bake camera state into the same preset — Iris, Shutter, ISO, white balance, tint, contrast, saturation, master black, and ND. On supported camera bodies the lens focus distance is saved too.

Standalone Wi-Fi-to-Bluetooth bridge

Even without a gimbal, the APC-R Mini can sit alongside a supported Blackmagic camera as a Wi-Fi-to-Bluetooth bridge: pair the camera to the Mini over Bluetooth, and Middle Control reaches the camera over Wi-Fi. Useful when you want remote camera control without the gimbal.

Wireless camera control with an ATEM

The built-in Ethernet port gives you a wired solution; the built-in 2.4 GHz Wi-Fi radio lets you control the gimbal and camera wirelessly. Bring a Wi-Fi access point close to the stage and a steadicam operator can move freely while the camera is controlled remotely from Middle Control or Blackmagic ATEM Software Control. If the Ethernet cable is disconnected, the Mini falls back to Wi-Fi within 5–15 seconds. Range depends on your Wi-Fi access point — we recommend Ubiquiti or GL.iNet.

Built-in tally

The built-in tally shows at a glance whether the camera is on Program or in Preview:

- **Red** — Program (on air)
- **Green** — Preview

Additional colours (yellow, blue) and the off state act as device status indicators — connection state, pairing, idle — rather than tally states. Brightness is adjustable from Middle Control, with a physical button on the unit for quick changes on set.

Bitfocus Companion support

The APC-R Mini integrates with Bitfocus Companion. From a Stream Deck running Companion you can recall position presets, toggle DJI ActiveTrack, start and stop recording, rename presets, build custom pages, and pipe gimbal / camera variables into your other Companion integrations.

Multiple gimbals support

Control up to 15 gimbals and cameras from one Mac or PC running Middle Control. You can drive all of them from the same joystick, but each gimbal needs its own APC-R Mini. Simultaneous multi-operator control of more than one camera at a time requires Middle Control Pro.

Differences between APC-R Mini and APC-R Mini Lite

The Mini Lite shares the same core hardware, software, and performance as the Mini in a more cost-effective form. To get there, the Lite drops:

- Wi-Fi (Ethernet only)
- Bluetooth (no direct Blackmagic pairing)
- Built-in tally light

VISCA, Companion, SDK, and Middle Control Pro support are identical to the Mini — the Lite is only feature-stripped on radio and tally. Many Blackmagic cameras can still be controlled with the Lite through an ATEM switcher over SDI / HDMI.

Technical specifications

SKU	MT-APCRMINI
EAN-13	3770018577463
Input power	direct from the gimbal's RSA port, or 5 V DC via USB-C
Power consumption	~1 W
Wireless	2.4 GHz Wi-Fi + Bluetooth
Weight	54 g / 0.12 lbs

Width	3.2 cm
Height	2.4 cm
Length	9.5 cm
Storage temperature	–10 to 60 °C / 14 to 140 °F
Package weight	0.07 kg / 0.15 lbs
Box dimensions (LxWxH)	4 × 4 × 11 cm · 1.6″ × 1.6″ × 4.3″

In the Box

- 1x APC-R Mini controller

Compatibility

Compatibility evolves as new products are released — see **middlethings.co/compatibility** for the up-to-date matrix.

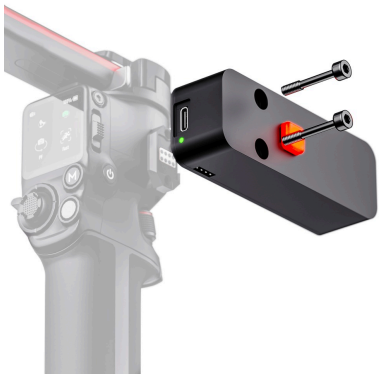
The APC-R Mini can currently control these gimbals:

- DJI RS2
- DJI RS 2 Pro
- DJI RS3 Pro
- DJI RS4
- DJI RS4 Pro

- DJI RS5

Middle Control (free — macOS 13+, or the Windows public beta) is required. Middle Control Pro (paid, macOS) is optional — for Multi-Operator, VISCA over IP, ATEM Link and the other Pro features.

Warranty

Limited 1-Year Manufacturer Warranty

Product photos