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› Dongar Dashcam Power Adapter (10-pin Type H) for Hyundai/Kia - Instruction Manual

Dongar 10-pin Type H

Dongar Dashcam Power Adapter (10-pin Type H)

For Hyundai and Kia Vehicles

1. INTRODUCTION

The Dongar Dashcam Power Adapter provides a clean, plug-and-play power solution for your dashcam or other USB-powered devices by utilizing the existing wiring in your vehicle's rearview mirror. This adapter eliminates the need for messy cables running from the cigarette lighter or fuse box, offering a factory-installed appearance.

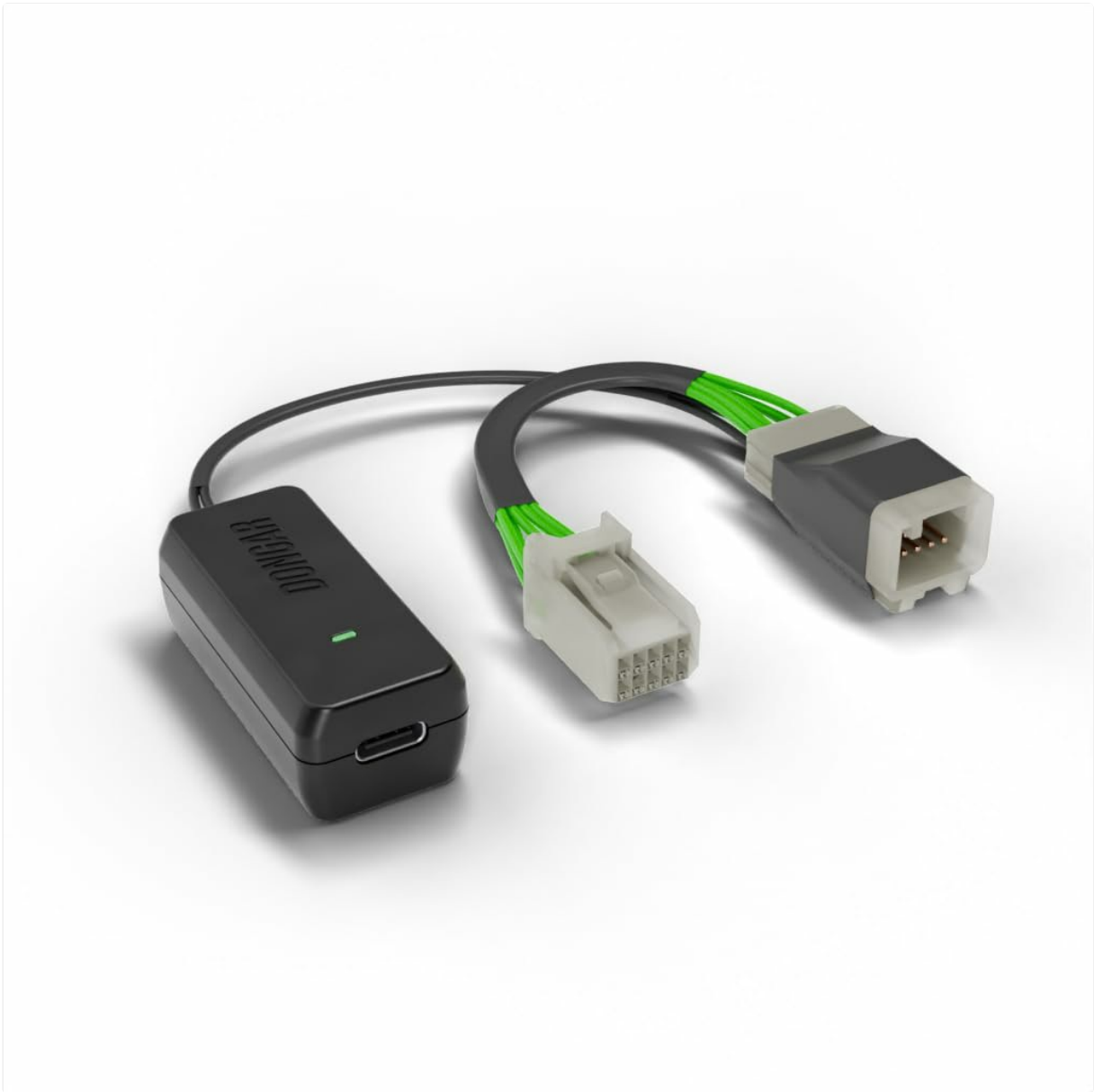


Image: The Dongar Dashcam Power Adapter (10-pin Type H) unit.

2. WHAT'S IN THE BOX

Your Dongar Dashcam Power Adapter kit includes the following components:

- One (1) Dongar Dash Cam Power Adapter with built-in USB module and 10-pin Type H harness.
- One (1) short USB-C cable for powering modern dash cams.
- Pry tool for installation.



Image: The Dongar Dashcam Power Adapter, 10-pin Type H harness, and included USB-C cable.

3. VEHICLE COMPATIBILITY

This adapter is designed for select Hyundai and Kia models. It requires an auto-dimming or powered rearview mirror (e.g., mirrors with garage buttons). The adapter is **not compatible** with Hyundai Ioniq 5, EV6, or vehicles equipped with digital mirrors.

To confirm compatibility, please refer to the detailed compatibility charts below. If your vehicle is not listed, you can compare your mirror's wiring connector to the product photos to ensure the pin layout matches the adapter.

3.1. Hyundai Compatibility Chart

HYUNDAI 10-PIN TYPE H COMPATIBILITY CHART 1/2

MODELS	TRIMS	YEARS
ACCENT	LIMITED	2019-2021
ELANTRA	HYBRID LIMITED	2021-2022
	LIMITED	2019-2025
	LIMITED HYBRID	2022-2025
	SPORT	2019-2020
ELANTRA GT	N LINE	2019-2020
IONIQ	ELECTRIC LIMITED	2019-2021
	HYBRID LIMITED	2019-2021
	HYBRID SEL	2020-2021
	PLUG-IN HYBRID LIMITED	2019-2021
	PLUG-IN HYBRID SEL	2020-2021
IONIQ 5	LIMITED	2023
	SEL	2023
IONIQ 6	LIMITED	2023-2025
	SEL	2023-2025
KONA	LIMITED	2019-2026
	N LINE	2024-2025
	SEL CONVENIENCE	2025
	SEL PLUS	2020-2021
	ULTIMATE	2019-2021
KONA ELECTRIC	LIMITED	2020-2021, 2023-2026
	N LINE	2025
	ULTIMATE	2020-2021
NEXO	BLUE	2019-2021, 2023-2025
	LIMITED	2019-2021, 2023-2025
PALISADE	CALLIGRAPHY	2022-2023
	LIMITED	2022-2026
	SE	2023-2025
	SEL	2022-2026
	SEL PREMIUM	2025-2026
	XRT	2023-2025
	XRT PRO	2026

Image: Hyundai 10-pin Type H Compatibility Chart (Part 1 of 2), listing models, trims, and years.

HYUNDAI 10-PIN TYPE H COMPATIBILITY CHART 2/2

MODELS	TRIMS	YEARS
SANTA CRUZ	LIMITED	2023-2026
	SEL PREMIUM	2023
	XRT	2024
SANTA FE	CALLIGRAPHY	2021
	HYBRID BLUE	2023
	HYBRID LIMITED	2023
	HYBRID SEL PREMIUM	2023
	LIMITED	2019-2021, 2023
	PLUG-IN HYBRID LIMITED	2023
	PLUG-IN HYBRID SEL CONVENIENCE	2023
	SEL	2020-2021, 2023
	SEL PLUS	2019
	ULTIMATE	2019
SANTA FE XL	LIMITED ULTIMATE	2019
SONATA	HYBRID BLUE	2021
	HYBRID LIMITED	2021, 2023-2025
	HYBRID SEL	2021
	LIMITED	2019-2021, 2023
	LIMITED 2.0T	2019
	N LINE	2021, 2023-2025
	SEL	2020-2021, 2023-2024
	SEL CONVENIENCE	2025
	SEL PLUS	2020-2021, 2023
TUCSON	LIMITED	2019-2026
	LIMITED HYBRID	2023-2026
	LIMITED PLUG-IN HYBRID	2022-2026
	N LINE	2022-2023
	N LINE HYBRID	2024-2026
	SEL	2022-2024
	SEL CONVENIENCE	2025-2026
	SEL CONVENIENCE HYBRID	2022-2026
	SEL PLUG-IN HYBRID	2025-2026
	SPORT	2019-2021
	ULTIMATE	2019-2021
	XRT	2023-2026

Image: Hyundai 10-pin Type H Compatibility Chart (Part 2 of 2), listing additional models, trims, and years.

3.2. Kia Compatibility Chart

KIA 10-PIN TYPE H COMPATIBILITY CHART 1/4

MODELS	TRIMS	YEARS
CADENZA	LIMITED	2019-2020
	PREMIUM	2019
	TECHNOLOGY	2019-2020
EV6	GT	2024
	GT-LINE	2022-2025
	LIGHT	2025
	WIND	2025
EV9	GT-LINE	2025
	LIGHT	2024-2026
	LIGHT LONG RANGE	2024-2026
	WIND	2024-2026
FORTE	EX	2019
	GT	2021-2024
	GT-LINE	2020-2024
	LX	2023
	LXS	2020, 2023
K4	EX	2025-2026
	GT-LINE	2025-2026
	GT-LINE TURBO	2025-2026
K5	EX	2021-2025
	GT	2021-2025
	GT-LINE	2021-2026
	GT2	2022
K900	LUXURY	2019-2020
NIRO	EX	2019
	EX PREMIUM	2020-2021
	EX PREMIUM HYBRID	2024
	LX	2019, 2025
	PLUG-IN HYBRID EX	2019-2021
	PLUG-IN HYBRID EX PREMIUM	2019-2021
	PLUG-IN HYBRID LX	2019
	PLUG-IN HYBRID LXS	2020
	PLUG-IN HYBRID SX TOURING	2023-2024

Image: Kia 10-pin Type H Compatibility Chart (Part 1 of 4), listing models, trims, and years.

KIA 10-PIN TYPE H COMPATIBILITY CHART 2/4

MODELS	TRIMS	YEARS
NIRO	S TOURING	2019
	SX	2025
	SX TOURING	2023, 2025
	TOURING	2019, 2021
	TOURING SPECIAL EDITION	2020
NIRO EV	EX	2019-2021
	EX PREMIUM	2019-2021
	WAVE	2023-2025
	WIND	2023
OPTIMA	EX	2019-2020
	EX PREMIUM	2020
	HYBRID EX	2019-2020
	LX	2019
	PLUG-IN HYBRID EX	2019-2020
	S	2019-2020
	SPECIAL EDITION	2020
RIO	SX	2019-2020
	LX	2019-2023
	S	2019-2023
SEDONA	EX	2019-2021
	L	2019
	LX	2020
	SX	2019-2021
SELTO	EX	2022-2023
	SX	2021-2025

Image: Kia 10-pin Type H Compatibility Chart (Part 2 of 4), listing additional models, trims, and years.

KIA 10-PIN TYPE H COMPATIBILITY CHART 3/4

MODELS	TRIMS	YEARS
SORENTO	EX	2019-2020, 2023-2025
	HYBRID EX	2025
	LX	2019, 2025
	PLUG-IN HYBRID EX	2025
	PLUG-IN HYBRID SX	2022
	SX	2019-2020, 2023, 2025
	SX LIMITED	2019
	X-LINE EX	2024-2025
	X-LINE SX	2025
	X-PRO	2024
SOUL	+	2019
	EX	2020-2021, 2023-2025
	EX PREMIUM	2022
	GT-LINE	2020-2025
	GT-LINE TURBO	2020
	LX	2020-2023, 2025
	TURBO	2021-2022
	X-LINE	2020-2022
SOUL EV	+	2019
SPORTAGE	EX	2020, 2023-2024, 2026
	EX PREMIUM	2019
	HYBRID EX	2023, 2026
	HYBRID LX	2026
	HYBRID S	2026
	HYBRID X-LINE	2026
	LX	2020, 2026
	S	2020
	SX	2023-2024, 2026
	SX TURBO	2020-2022
	X-LINE	2024, 2026
	X-PRO	2024

Image: Kia 10-pin Type H Compatibility Chart (Part 3 of 4), listing additional models, trims, and years.

KIA 10-PIN TYPE H COMPATIBILITY CHART 4/4

MODELS	TRIMS	YEARS
STINGER	BASE	2019
	GT	2019-2021
	GT LIMITED	2021
	GT-LINE	2020-2021, 2023
	GT1	2019, 2021
	GT2	2019, 2022-2023
	GTS	2019
	PREMIUM	2019
TELLURIDE	EX	2020-2025
	EX X-LINE	2023-2025
	EX X-PRO	2025
	SX	2020-2025
	SX X-LINE	2023-2025
	SX X-PRO	2023-2024

Image: Kia 10-pin Type H Compatibility Chart (Part 4 of 4), listing additional models, trims, and years.

4. SETUP AND INSTALLATION

The Dongar Dashcam Power Adapter is designed for a fast and easy plug-and-play installation. No permanent modifications to your vehicle's wiring are required.

- 1. Locate Rearview Mirror Wiring:** Carefully remove the plastic cover or shroud around your rearview mirror arm to expose the wiring harness. Use the included pry tool to avoid damaging trim.
- 2. Disconnect Original Connector:** Disconnect the existing wiring connector from the rearview mirror.
- 3. Connect Dongar Adapter:** Plug the vehicle's original wiring connector into one end of the Dongar adapter's 10-pin Type H harness. Then, plug the other end of the Dongar adapter's harness into the rearview mirror.
- 4. Secure Adapter:** Use the included adhesive tape to mount the adapter in a discreet location, such as behind the rearview mirror or within the headliner. Ensure it is secure and does not obstruct your view.
- 5. Connect Dashcam:** Plug your dashcam's USB-C power cable into the USB-C port on the Dongar adapter.
- 6. Replace Cover:** Carefully reattach the plastic cover or shroud around the rearview mirror. Ensure all wires are neatly tucked away for a clean, factory-installed look.



Image: Illustration of connecting the Dongar adapter during installation.

MOUNT THE ADAPTER BY USING THE INCLUDED ADHESIVE TAPE:



Each adapter comes with adhesive tape for mounting



Remove the backing from the adhesive tape



Place the adapter in the desired position (on the windshield or the back of your rearview mirror) and press firmly

Image: A dashcam connected to the Dongar adapter, showing a clean installation.

5. OPERATING INSTRUCTIONS

The Dongar Dashcam Power Adapter is designed for simple, automatic operation:

- **Automatic Power On/Off:** The adapter powers your dashcam or accessory only when the vehicle's ignition

is ON. This prevents battery drain when the vehicle is off.

- **No Parking Mode:** This adapter is not designed for parking mode or constant power applications. For continuous power, a separate hardwiring kit connected to the fuse box would be required.
- **Device Compatibility:** The adapter converts vehicle power to USB-C, providing reliable power for USB-powered dashcams (e.g., Garmin Mini 2, Mini 3, Live, 47, 57, 67W, Vantrue N2 Pro, N4, N5, Fitcam) and other USB-powered devices like radar detectors and GPS units.



Image: A dashcam discreetly installed and powered by the Dongar adapter.

6. SPECIFICATIONS

Compatible Devices	USB-powered dash cams, radar detectors, GPS
Connector Type	USB Type C
Input Voltage	DC 12–24V $\pm$ 2A Max
Output	5V $\pm$ 3A, 9V $\pm$ 2A, 12V $\pm$ 1.5A (18W max)
Power Plug Type	10-pin Type H
Item Dimensions (L x W x H)	6 x 3 x 1.5 inches
Item Weight	2.88 ounces
Manufacturer	Dongar Technologies

7. TROUBLESHOOTING

- **Device not powering on:**
 - Ensure your vehicle's ignition is ON. The adapter only provides power when the ignition is active.
 - Verify that your rearview mirror is auto-dimming or powered. The adapter relies on power from the mirror's wiring.
 - Check all connections to ensure they are secure and fully seated.
 - Confirm your dashcam or device is compatible with USB-C power and the adapter's output specifications.
- **Adapter does not fit:**
 - Double-check your vehicle's make, model, year, and trim against the compatibility charts in Section 3.
 - Visually inspect the wiring connector behind your rearview mirror and compare it to the 10-pin Type H

connector on the Dongar adapter.

- **Intermittent power:**

- Ensure the adapter and dashcam cables are not loose.
- Verify that the adapter is securely mounted and not subject to excessive movement.

8. MAINTENANCE

The Dongar Dashcam Power Adapter requires minimal maintenance:

- **Cleaning:** Keep the adapter and its connections free from dust and debris. Use a soft, dry cloth for cleaning.
- **Environmental Conditions:** Avoid exposing the adapter to extreme temperatures or excessive moisture.
- **Cable Inspection:** Periodically check the USB-C cable and the adapter's harness for any signs of wear or damage. Replace if necessary.