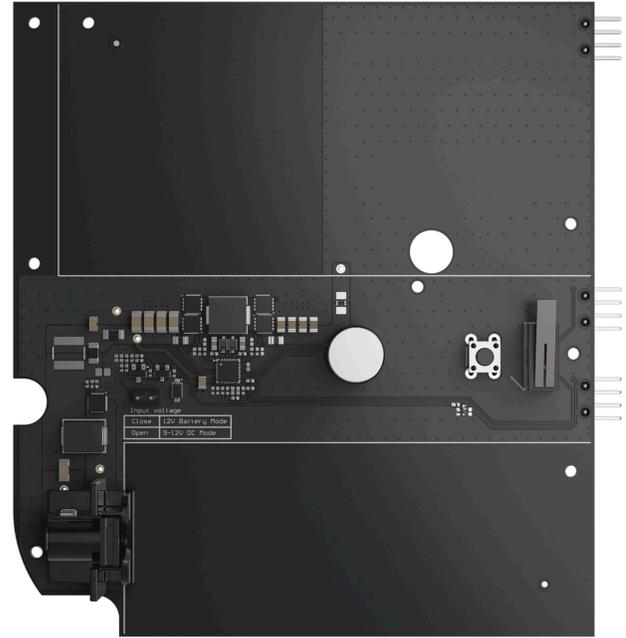


12V PSU for NVR

Power supply unit for the device operation on a low-voltage power source



Uninterrupted recording in a power outage

12V PSU for NVR is an electronic board that is installed into the video recorder enclosure, replacing the standard 110/230 V~ power supply unit. With the alternative power supply unit, an Ajax NVR can operate on a low-voltage power source instead of the facility's power grid. This setup ensures continuous video recording, making it ideal for protecting property with unstable or no power supply.



Hassle-free installation

A professional electrician can install the alternative power supply unit into a network video recorder in just about 10 minutes, using a single PH1 screwdriver and the device manual.

- 12V PSU for NVR is installed directly inside the NVR enclosure, replacing the standard 110/230 V~ power supply unit.
- A standard jack plug is used to connect the power cable.
- A terminal adapter is included in the complete set.

12V PSU for NVR supports two operating modes:

8–16 V $\overline{=}$

In this mode, an Ajax video recorder operates within the 8–16 V $\overline{=}$ voltage range. A jumper should not be installed.

12.1–16 V $\overline{=}$

This mode allows an Ajax video recorder to operate on a voltage that exceeds 12 V $\overline{=}$. To prevent a full discharge of the power supply, the NVR automatically switches off if the voltage drops below 10.35 V $\overline{=}$. A jumper must be installed.

<p>Compatibility</p> <p>NVR (8-ch) NVR (16-ch)</p>	<p>Connection to mains</p> <p>Socket 6.5 × 2.0 mm 0.26" × 0.08" Power jack (female)</p> <p>Plug 5.5 × 2.1 mm 0.22" × 0.08" Power jack (female)</p> <p>Connected cable cross-section AWG 12–14</p>	<p>Input without a jumper</p> <p>Operating voltage 8–16 V_{DC}</p> <p>Maximum current consumption up to 4 A When output maximum current consumption is 2 A</p> <p>Turn-on threshold when the voltage rises 8.1 V_{DC} In the no-load state</p> <p>Turn-off threshold when the voltage drops 8.0 V_{DC} In the no-load state</p>	<p>Input with a jumper</p> <p>Operating voltage 8–16 V_{DC}</p> <p>Maximum current consumption up to 4 A When output maximum current consumption is 2 A</p> <p>Turn-on threshold when the voltage rises 12.1 V_{DC} In the no-load state</p> <p>Turn-off threshold when the voltage drops 10.35 V_{DC} In the no-load state</p>
<p>Output</p> <p>Nominal voltage 12 V_{DC} ± 3%</p> <p>Shutdown device's current consumption 110 μA</p> <p>Quiescent device's current consumption 65 mA</p> <p>Maximum device's current consumption 2 A</p>	<p>Installation</p> <p>Installation method inside the NVR enclosure</p> <p>Operating temperature range from 0 °C to +40 °C from 32 °F to 104 °F</p> <p>Operating humidity up to 75%</p> <p>Protection class IP20</p>	<p>Board</p> <p>Color N/A</p> <p>Dimensions 118 × 123 × 17 mm 4.64" × 4.84" × 0.67"</p> <p>Weight 51 g 1.80 oz</p>	<p>Complete set</p> <p>12V PSU for NVR Terminal adapter Quick start guide</p>



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/12v-psu-for-nvr

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