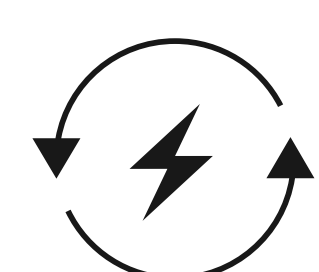
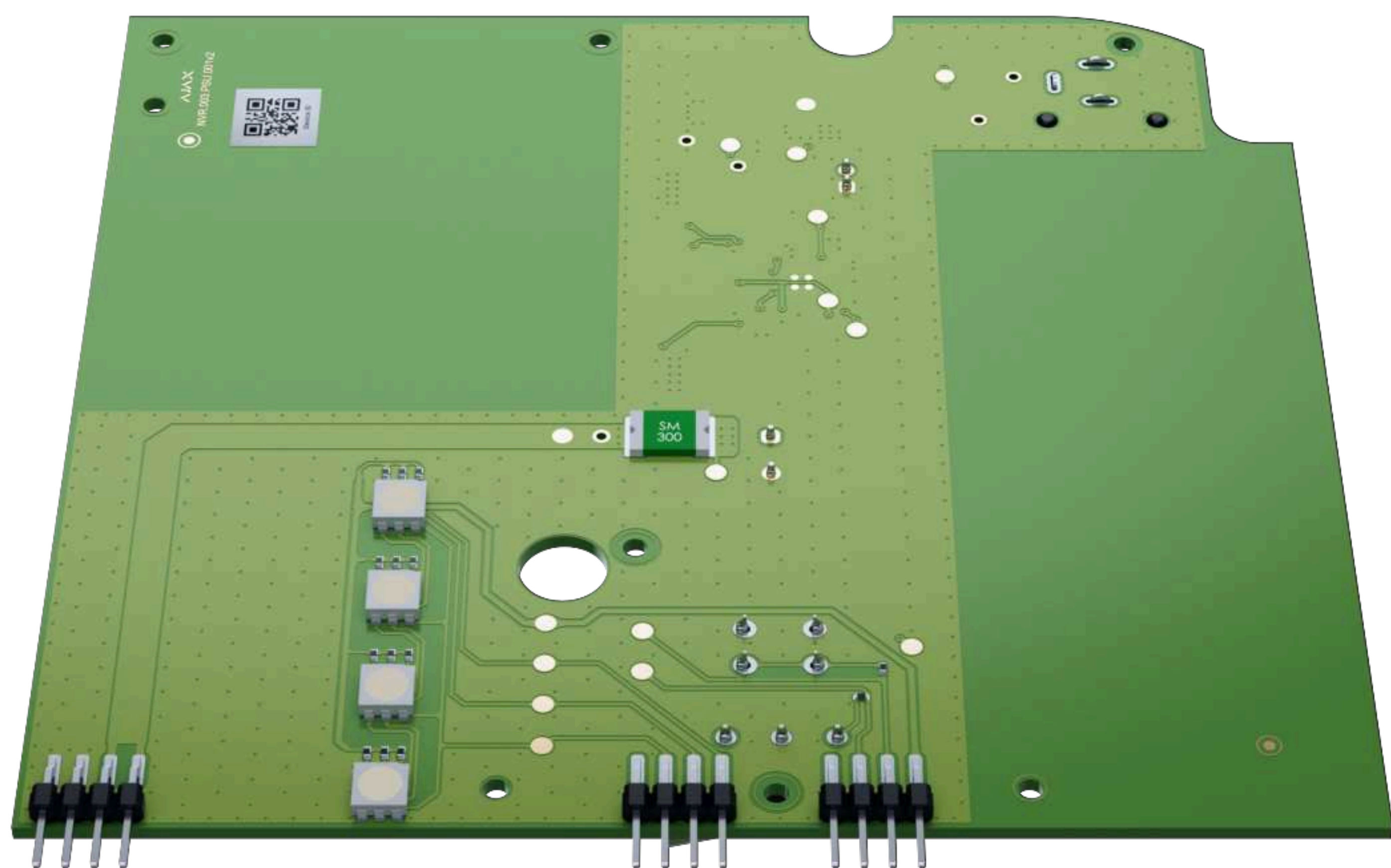


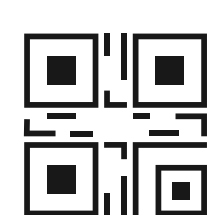
12V PSU for NVR

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.

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