

MULTISTAR 9 CH 10 AMP

The **Multistar 9 CH 10 AMP** is a professional-grade 12V DC power distribution unit (PDU) designed for centralized power management in security surveillance systems.

Technical Specifications

Feature	Specification Details
Input Voltage	AC 110V – 240V (Auto-switching or manual switchable)
Output Voltage	DC 12V (Adjustable $\pm 10\%$ via internal trim pot)
Total Current	10 Amps (Aggregate capacity)
Total Power	120 Watts
Output Channels	9 Channels (9 pairs of +/- terminal blocks)
Max Current/CH	Typically 1.1A to 2.0A depending on fuse rating
Protection Type	Individual PTC (Resettable) or Glass Tube Fuses
Operating Temp	-30°C to +45°C



Core Features

- **Centralized Management:** Consolidates power for up to 9 cameras into one central wall-mounted box, replacing individual power adapters.
- **Individual Protection:** Each channel has its own fuse and LED status indicator. If one camera shorts, only that channel's fuse trips, keeping the rest of the system online.
- **Built-in Safety:** Includes surge protection and over-voltage/over-load safeguards to prevent damage to sensitive DVRs or cameras.
- **Physical Security:** Heavy-duty ventilated metal enclosure with a lockable door to prevent unauthorized tampering.

Installation Notes

- **Voltage Drop:** For long cable runs, utilize the internal adjustment screw to slightly increase output voltage (up to 13.2V) to compensate for cable resistance.

- **Load Limit:** It is recommended to maintain a continuous load of no more than **8A (80% capacity)** to account for initial power surges when cameras' infrared (IR) LEDs activate at night.