

MULTISTAR 9CH 15AMP

The **Multistar 9CH 15AMP** is a high-capacity 12V DC power distribution box designed for CCTV security systems and LED lighting. It centralizes power for up to 9 devices, replacing individual power adapters with a professional, fused system.

Core Electrical Specifications

- **Input Voltage:** AC 100V – 240V, 50/60Hz (Universal compatibility).
- **Output Voltage:** DC 12V (Regulated).
- **Total Current Capacity:** 15 Amps.
- **Total Power Output:** 180 Watts (calculated as $12V \times 15A$).
- **Number of Channels:** 9 independent ports.
- **Per-Channel Output:** ~1.67A (average current if all channels are used equally).

Technical Protection Features

- **Individual Channel Fusing:** Each of the 9 ports is protected by a PTC (Positive Temperature Coefficient) auto-reset fuse.
 - *Benefit:* If one camera shorts out, only that channel's power is cut. The fuse resets automatically once the fault is cleared.
- **Voltage Adjustment:** Features an internal **VADJ** potentiometer allowing the output to be fine-tuned between **10V and 14V DC** to compensate for voltage drop on long cable runs.
- **Signal Integrity:** Includes a built-in EMI (Electromagnetic Interference) filter to ensure clean power, which prevents "noise" or lines on video feeds.

Physical & Safety Build

- **Enclosure:** Heavy-duty, ventilated metal box with a lockable front door for security.
- **Monitoring:** Individual LED status indicators for each channel, allowing for rapid visual troubleshooting.
- **Safety Approvals:** Typically CE and RoHS approved; some variants are UL listed.

- **Dimensions:** Approximately 235mm x 205mm x 53mm.
- **Weight:** Approximately 1.25kg to 1.6kg.