

12V Switch-mode Power Supply
Product Datasheet

12V DC 2 Channel Redundant SMPS

A Unique Power Supply Solution with an automatic changeover system inside, ensuring that your CCTV Cameras remain functional at all times. If one SMPS card fails, it automatically switches to the other Card.



Technical data

Input Voltage	AC 90V-280V
Input Frequency	50Hz
Input Current	115 mA
Output Voltage	DC 12V
Output current	2200 mA Max.
Individual Output Current	1100 mA Max.
Output power On	Green LED Indication
Efficiency at Full Load @230V AC	>85%
Line Regulation	<1%
Load Regulation	<1%
Dimension	235mm*160mm*60mm
Weight	935 Gms.

Functional Features

- Resettable Fuse – If wiring of one Camera gets short, the resettable fuse gets activated ensuring no effect on other cameras in operation.
- Individual Output Terminals – To avoid bunching of wires.
- Power Indicator – Green LED indicates first SMPS Card is in operation & Red LED card indicates second card is in Operation.
- Power Switch – So that your power supply can be switched on/off from Cabinet for any service related purpose.
- Robust Cabinet with Lock – To avoid tampering by unauthorized person.

Extensive Protection Features

- Auto-restart limits power delivery to 3% during overload faults
- Output short-circuit protection (SCP)
- Output overload/over-current protection (OPP, OCP)
- Optional extended shutdown delay time
- Output overvoltage protection (OVP), auto-restart or latching
- Line brown-in/out protection (line UV)
- Line overvoltage (OV) shutdown extends line surge withstand
- Accurate thermal shutdown (OTP), hysteretic or latching