

SYN-921 Single Voltage Power Supply

Power supply for SYN-370 and SYN-350 card chassis



The SYN-921 is a 3RU high (133mm) power supply unit designed to fit into the SYN- standard card chassis such as the SYN-370 (single supply version) and SYN-350 (dual supply version)

The SYN-921 provides power to the SYN-370/350 chassis back plane on which are mounted fourteen / twelve 9-pin female D connectors through which +12V regulated DC voltage is fed to plug-in cards.

The SYN-921 power supply unit is normally used as a power source. One SYN-921 is capable of providing power for most combinations of plug-in cards. Check the current rating at 12VDC of all cards to be used within the chassis to

confirm that the rating is not exceeded. Individual product datasheets provide the Chassis Current Consumption (CCC) for each plugin card: the total of these in the chassis must be less than the rating of the SYN-921 Power Supply Unit, ie 6 Amps total.

The SYN-921 supply has a built-in cooling fan. The cooling fan operates only when high temperatures are experienced on the power supply whilst under heavy load and/or high ambient temperatures. There is a Temperature Alarm LED on the front panel of the SYN-921 that is green during normal operation and will be red when the operating temperature exceeds the normal operating limits of the supply.

Features

- Compact 3RU high, card unit
- SYN-921 power supply can support any combination of SYN- cards

Specifications

GENERAL	
Operating Temperature	-20°C to 75°C
Input	90 – 264Vac 47-63Hz
Output	+12V \pm 0.1V at 6 Amps
Indicators	+12V on LED Temperature Alarm
Test Points	Positive voltage terminal on front panel Ground voltage terminal on front panel
Output Regulation	Regulated to \pm 0.1V at full load
Output Ripple	Typical peak to peak ripple at full load is less than 50mVpp
Relative Humidity	0-95% Non-condensing

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Specifications subject to change. E & OE.

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MANUFACTURER OF



CAMERA STATIONS

Literature Reference:
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