

# 12V /1A SMPS Adaptor



## FEATURES

- Universal Input
- Upto 12 Watts of power
- High Efficiency
- Suitable for
  - Security systems
  - Access Controls
  - CCTV Systems
  - Biometric Systems

## SPECIFICATIONS

### Input

- Voltage Range : 90-270V AC
- Frequency : 45-65Hz

### Output

- Nominal Output Voltage : 12V
- Nominal Load Current : 1 Amp
- Load / Line Regulation :  $< \pm 1\%$
- Ripple / Noise :  $< 100\text{mV P-P}$

### Protection

- Over-Voltage
- Overload
- Output Short-Circuit
- Surge & EMI

### General

- Input-Output Isolation : 3KV AC
- Leakage Current :  $< 100$  Micro Amps
- Insulation Resistance  
at 500V DC :  $> 5\text{M Ohms}$
- Switching Frequency :  $> 100\text{KHz}$
- Efficiency :  $> 75\%$
- Dimension(LxWxD) : 72x33x89mm

### Environmental

- Operating Temp. : 0 - 55 °C
- Storage Temp. : -20 to +70 °C
- Rel. Humidity : 90%, Non-Condensing
- EMI : CISPR 11 Class B
- EMC : EN 61000-4-4  
: EN 61000-4-5  
: EN 61000-4-6