

# Vi0014

## 12VDC 36W Power Adapter

### Features

- 12VDC, 36W Power Adapter
- Universal AC input / Full range 100 ~ 240VAC
- High efficiency and low operation temperature
- Soft-start current can reduce the AC input impact efficiency
- Provides Short circuit, Overload, Over voltage protection
- Fully enclosed plastic case
- Compact size, light weight
- 100% full-load burning test



### Applications

- CCTV equipment
- Networking Equipment
- Powering transmission equipment

Vigtron's Vi0014 is a highly reliable, 36W single-output 12VDC power adapter that meets the power requirements of analog and IP CCTV products. This product is equipped with a 2-pin Standard AC power plug that can accept AC input 100VAC to 240VAC.

It provides over Voltage Protection, Short Circuit Protection, and Over Current Protection to protect powered devices when any of these conditions occur. The Vi0014 intelligent system will evaluate fault conditions and once no longer present will return power to normal operations.

# Technical Specification\*

## Electrical

Input Voltage	Universal 100~240 VAC @ 47~63 Hz
Input Current	3A maximum
Inrush Current	50A maximum @ any input range
Cold start	25°C @ full load
Output Voltage	Voltage +12VDC +/- 5% @ 3A
Output Power	36W
Ripple/Noise	120mV @ full load with 20 mHz bandwidth
Output	Striped Wired
Average Efficiency	>=81% @ 115 VAC and max load
Protection	Over voltage protection (OVP) Over current protection (OCP) Short circuit protection (SCP) Automatic recovery after fault is removed

## Ordering Information

Part No.	Description
----------	-------------

Vi0014	12VDC Power Adapter
--------	---------------------

## Regulatory

FCC	Part 15, Subpart B, Class B 2010
CE	
UL	under ZF120A-1203000
EMS	EMC Directive 2004/108/EC, (EN55022 / EN55024)

## Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: 0°C to +60°C Storage: -20°C to +80°C
Cooling	Natural air, no fan required

## Mechanical

Dimensions	3.39 x 1.89 x 1.22 in., 8.6 x 4.8 x 3 cm (LxWxH)
Weight	0.375 lbs. (170g)
Cable Length	70 in., 1778mm

\*Specifications subject to change without notice.

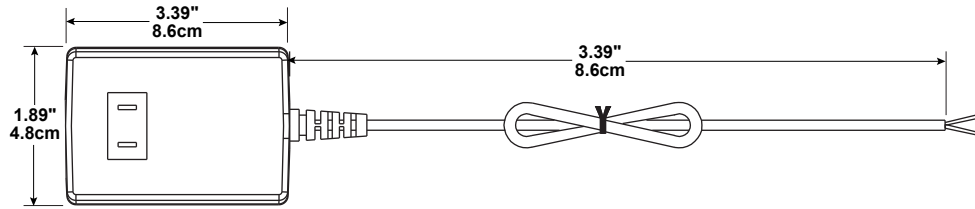


TEL (+1) 858-484-5209 • FAX (+1) 858-484-1205

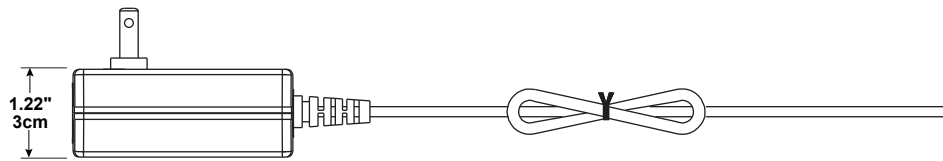
7810 Trade Street, Suite 100, San Diego, CA 92121, USA • support@vigatron.com • www.vigatron.com

© Copyright 2022 Vigitron, Inc.

# Mechanical Drawings



Rear View



Side View