The new SmartNet II is the only data line and signal protector with easy installation

SmartPower SYSTEMS ™
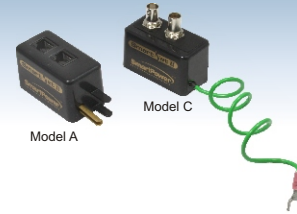
A POWER QUALITY COMPANY

www.smartpowersystems.com **1-800-882-8285**

PN16000650 Rev.04-12

USER'S GUIDE

SmartNet II

Data Line & Signal Protection

Model A   Model C

SmartNet II 2

Smart Power Systems Inc. is an engineering and manufacturer of power quality products. The new SmartNet II is the only data line and signal protector with easy installation for telephone equipment/DSL (RJ11), network (RJ45), big screen tv/cable (coaxial) and CCTV/security system (BNC).

⚠ **THE USE OF THE SMARTNET IN LIFE SUPPORT APPLICATIONS WHERE FAILURE OF THE SMARTNET IS EXPECTED TO CAUSE THE FAILURE OF THE LIFE SUPPORT EQUIPMENT IS NOT RECOMMENDED.**

⚠ **FOR SAFETY AND OPTIMUM PERFORMANCE, THE SMARTNET SHOULD BE PROPERLY GROUNDED.**

Features 3

- Easy installation with connection to ground
- Stand-alone data line and signal protection
- Protects any electronic equipment against surges that come through the telephone and data line.
- Noticeably increases download speed (up to 200%)
- For T1, T3, 10/100/1000 Based-T, ISDN, DSL, etc.
- Handle data line with speed of over 300MHz
- All units come with the necessary patch cables, except on the coaxial and BNC models.
- No tools necessary for installation of Model A
- Available in colors black and computer gray

Specifications and Applications 4

MODEL / IN/OUT JACK	CLAMPING VOLTAGE AND PIN CONNECTION	APPLICATION
SN-Net5e / RJ45	7.5 Volts protecting pins 1 through 8 for Network	10/100/1000Based-T Cat5e. For protection of high speed networked equipment
SN-NPOE / RJ45	75 Volts protecting pins 1 through 8 for POE Network	For protection of POE (Power Over Ethernet) network, T-1 equipment
SN-Tel / RJ11	300 Volts protecting pins 4 and 5 for phone line	For protection of phone systems, fax, answering machines and DSL/modems

Specifications and Applications 5

MODEL / IN/OUT JACK	CLAMPING VOLTAGE AND PIN CONNECTION	APPLICATION
SN-Tel2 / RJ11	300 Volts protecting pins 4 and 5 also 3 and 6 for dual phone line	For protection of phone, answering machines and fax with 2 phone lines
SN-TV / Coaxial	75 Volts for protecting against surges between center and shield	For protection of TV systems, cable box and DVR
SN-BNC / BNC	75 Volts for protecting against surges between center and shield	For protection of security systems, CCTV and camera

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Specifications and Applications 6

Model A
Size (HxWxD) (In) : 1.37" x 1.31" x 3.31"
Weight: 0.11 Lb.

Model B
Size (HxWxD) (In) : 2.0" x 1.31" x 3.06"
Weight: 0.11 Lb.

Model C
Size (HxWxD) (In) : 2.12" x 1.31" x 3.06"
Weight: 0.16 lb.

Installation 7

1) SmartNet must be installed as close as possible to the equipment to be protected.
2. Turn off all equipment.
3. Unplug the RJ11/45, Coaxial or BNC cable from the equipment you want to protect and plug into the "IN" jack on the SmartNet II. Plug the other end to the network jack or cable wall jack.
4. Plug the provided network cable (RJ11 or RJ45 only) to the "OUT" jack on the SmartNet II. Plug the other end of the provided network cable into the equipment you want to protect.
5. Connect the SmartNet unit to ground. See instructions on pages 8-11.

The SmartNet protects your equipment from surges that come through the data and signal line. To ensure that your equipment is completely protected, use a TBF™ power filter or UPS-TBF from Smart Power Systems.

Ground Connection - Model A

Plug directly into the receptacle in the wall outlet.

Fig.2

Ground Connection - Model C

Connect the ground wire with cable shoe to the equipment's metal chassis (ground) as shown below.

NOTICE: If metal chassis is not available, the ground wire with cable shoe should be connected to a proper ground.
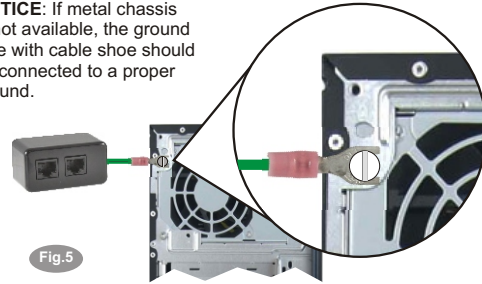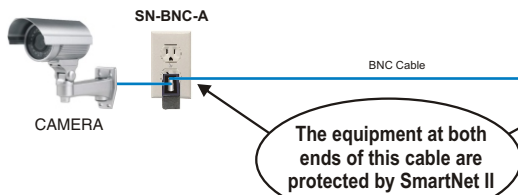

Fig.5

Full System Connection

SN-BNC-A

BNC Cable

CAMERA

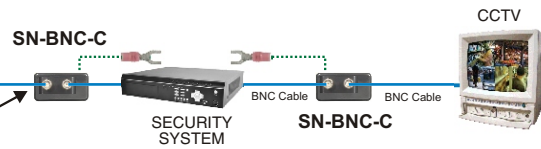**The equipment at both ends of this cable are protected by SmartNet II**

Full System Installations

To protect an additional camera, monitor or any other equipment, use a separate SmartNet unit for each one.

To fully protect the equipment on the system, we recommend using one Smartnet unit at each end of the cable as shown above.

Full System Connection

CCTV

SN-BNC-C

BNC Cable

SECURITY SYSTEM

SN-BNC-C

BNC Cable

Lifetime Warranty

The SmartNet II unit is guaranteed to be free of defects in material and workmanship for its lifetime.

If the product is defective, Smart Power Systems will repair or replace the product at its own discretion. Service under this warranty can only be obtained by your delivering or shipping the product with all shipping or delivery charges prepaid to:

Smart Power Systems

1760 Stebbins Drive

Houston, Texas 77043

There are no serviceable parts in the unit. The warranty will be void if the unit has been tampered with.

Returning a product to Smart Power

If for any reason you need to return the **SmartNet** unit to Smart Power, you should obtain an **RMA (Return Material Authorization)** number before returning the unit.

To request an RMA number please call 800-772-7633 or visit the website at www.smartpowersystems.com under Support (RMA). Write the RMA number on the package and send the SmartNet unit with shipping or delivery charges prepaid to:

Smart Power Systems

1760 Stebbins Drive,

Houston, Texas 77043