

# SecNet4 Ethernet Device Controller

4 Port Device Controller with Encrypted Ethernet Communication



## SYSTEM FEATURES

- » Linux Operating System
- » Remote System Monitoring
- » 3 Tier Architecture
- » Remote Site Monitoring
- » Encrypted Communication
- » Alarm Filters
- » Multi Client Support
- » SQL Database backend
- » Remote Programmability
- » Unlimited Updates

Pesiplex SecNet4 is a 4 port device server that uses that SSL and SSH protocols to transmit encrypted serial data over Ethernet. On each port of the SecNet4 a maximum of 200 Pesiplex devices can be connected.

The Ethernet port can be configured for a normal or secure TCP/IP Connection. If the Ethernet connection fails, the SecNet4 will queue all serial data in its internal 64KB port buffer. When the Ethernet connection is re-established, the SecNet4 will immediately release all data in the buffer in the order that it was received. Users can increase the port buffer size by installing an SD card.

## CONTROLLER INFO

**Ether Ports:** 1  
**Secure PesiNet Serial Ports:** 4  
**Dim:** 181x103x35 mm  
**Weight:** 1020g  
**Opt. Temp:** 0°C to 55°C  
**Opt. Humidity:** 5 to 95% RH  
**Surge Protection:** 15KV ESD  
**Power:** 12V to 48V DC  
**Consumption:** 730ma @ 12V

## STANDARD FEATURES

- » 4 Secure PesiNet Serial Ports
- » LCD Panel for easy controller configuration
- » Secure Ethernet Mode
- » Expandable port buffering for Ethernet failures
- » 1.5KV Built-in Magnetic Isolation Protection on the Ethernet port
- » 15KV ESD protection on the Serial Ports
- » 2 Wire Data Communication to Pesiplex Devices (min 24AWG)
- » SD Socket for Memory Expansion
- » Supports ICMP, IP, TCP, UDP, DHCP
- » HTTP Support for browser based configuration
- » DES, 3DES, AES, SSH, SSL, HTTPS security protocols
- » Input Voltage 12 to 48V DC
- » Power consumption 730mA @ 12V (max)
- » 0.5KV ~ 1KV Power line Protection
- » UL, CE, FCC Regulatory Approved
- » Automatic Reboot with built-in Watchdog timer
- » Microsoft Windows Search utility to manage multiple SecNet4 device controllers
- » 5 Year Limited Warranty \* (Material & Workmanship)



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