

IP Alarm Communicator (K-NET) for KYO320 Intrusion Control Panels

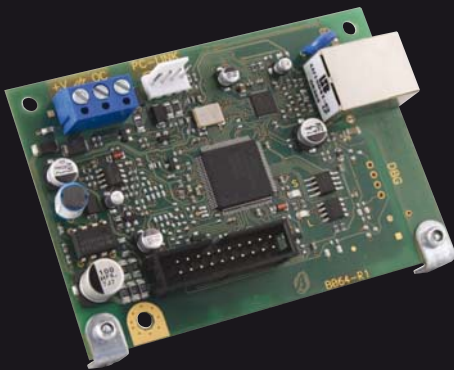


General Description

The simple-to-install K-NET is a performing IP communicator that saves end-users money by taking advantage of their existing IP networks and security equipment to create fully supervised security solutions between protected premises and central monitoring stations. This method provides flexibility and an always-on, two-way line of communication. The K-NET communication stream is small and requires only a limited amount of network bandwidth. This ensures that the integrity of the data being transferred never becomes compromised. To reduce security risks, the module utilizes industry-leading, 128-bit AES encryption, polling and hardware substitution protection.

Product Features

- Compatible with KYO320 control panels
- 2-way, always-on IP communication
- Works over local LAN/WAN network or the Internet
- 128-bit AES encryption
- Supports DHCP (dynamic IP addresses)
- Reports events to 2 different receiver IP addresses
- Polling and hardware substitution protection
- Low network bandwidth requirements
- Compatible with 10/100BaseT networks
- 1 programmable trouble output
- Programmable through the BSS Console software
- CE listed



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How it Works

The K-NET connects directly to the KYO320 control panels using the PC-LINK cable, providing a TCP/IP connection that sends predefined Contact ID codes to the central monitoring station.

Value Added

To ensure dependable and timely event notification, the K-NET is capable of reporting to two different receiver IP addresses—a back-up feature that allows communication to continue in the event one of the IP addresses is inaccessible. The module can also be programmed to communicate SIA strings to an UDP port for system integration.

Flexibility

Full two-way communication with the K-NET and the Sur-Gard System III receiver's allows for alarm reporting as well as remote diagnostics.

Secure Communication

The K-NET utilizes industry-leading 128-bit AES encryption, polling, hardware substitution protection and application-specific hardware to help eliminate security risks. Because the module's communication stream is minimal and draws only small amounts of network bandwidth, data transfer remains timely and accurate.



Specifications

- Power supply 9.6 ÷ 27.6 Vdc
- Max. absorption 250 mA
- Resting absorption 50 mA
- Operating temperature -5 ÷ +40 °C
- Dimensions (L*H) 95*65 mm