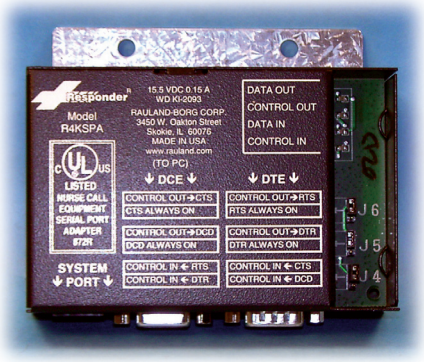
Model: R4KSPA — Serial Peripheral Adapter



R4KSPA

Features

- Provides isolating interface between Responder 4000 Network Interface and on-site Responder network programming/diagnostics
- Provides isolating interface between R4KPIP and:
  - Pocket Page encoder (TAP protocol standard)
  - Management Software
  - Programming/Diagnostics
- Can be located up to 1000 feet away from R4KNIM and R4KPIP
- Diagnostic/status LED indicators
- Electrically isolates outside systems and Responder network
- RJ connectors for easy installation & service
- Self-contained unit

Specifications

Power Requirements: 15.5 V DC @ 0.15A

Weight: .05 lbs. (0.23 kg)

Size: W: 4.38" (11.10 cm)
H: 3.75" (9.53 cm)
D: 1.50" (3.81 cm)

Housing & Finish: Black metal enclosure w/white nomenclature

Indicators: Four (4) status indicators

Terminations: One (1) RJ45 jack connector
Two (2) RS-232 connectors

Capacity: One (1) RS-232 port

Certification: UL/C-UL 1069; CE;
FCC Part 15 Class A

Description

The R4KSPA provides an isolating interface between outside systems and the Responder 4000 Network. It also has diagnostic and programming capabilities via a portable pc when connected to the Responder 4000 Network.

When used in conjunction with R4KPIP the R4KSPA provides one (1) RS-232 ports for management software, pocket paging, or diagnostics/programming. The R4KSPA can be located up to 1000' from R4KPIP for remote connection.

When connected to R4KNIM or R4KPIP the R4KSPA serves as an isolating interface between the Responder network and a portable PC for programming/diagnostics. A technician can program all Responder network attributes such as architectural room numbers, customized console touchpoints, console coverage areas, etc. From the same application the technician can download current Responder network configurations and access event logs or run component diagnostics to assist in troubleshooting the Responder network.

The Responder network software application (R4KWARE) requires as a minimum: a computer with a CD-ROM drive, one (1) serial com port, 500 Mb hard disk space available, a monitor/display with a resolution of 1024 x 768 pixels, 256 Mb of RAM, and running Windows 7 or Windows 8.

Associated Equipment

R4KNIM — Network Interface Module

R4KPIP — Peripheral Interface Port

R4KPR400 — Power Supply

Architect and Engineer (A&E) Specifications available online at: customerconnection.rauland.com
Specifications subject to change without notice

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USA-Mt.Prospect, IL • 800-752-7725 • Fax 800-217-0977
Canada • 905-607-2335 • Fax 905-607-3554
www.rauland.com

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