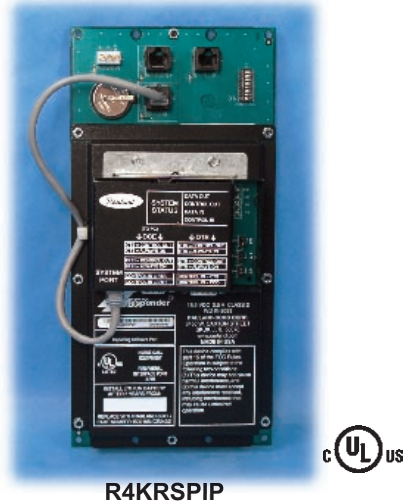


MODEL: R4KRSPIP — REPORTING SOFTWARE PERIPHERAL INTERFACE PORT



FEATURES

- Provides Responder 4000 network interface via RS-232 serial data to R4KRSW — Reporting Software
- Includes R4KRSW — Reporting Software Package
- Includes R4KSPA — Serial Peripheral Adapter for connection of the reporting software PC
- Diagnostic/status LED indicators
- RJ connectors for easy installation and service

SPECIFICATIONS

Power Requirements: 15.5V DC @ 0.5 A

Size: W: 5.50" (13.97 cm)
H: 11.50" (29.21 cm)
D: 2.50" (6.35 cm)

Weight: 1.90 lbs. (0.86 kg)

Housing & Finish: Black metal enclosure w/ white nomenclature

Backbox Requirements: Rauland NC2828 Terminal Cabinet

Certification: UL/C-UL 1069

Terminations: One (1) X-bus connector (RJ45)
One (1) DIAG connector for reporting software (RJ45)
One (1) PP connector (RJ45)
– *Not used with R4KRSPIP*
One (1) power connection (screw terminal)

Controls: X-Bus DIP switch address
X-Bus status LED
Power LED

DESCRIPTION

The R4KRSPIP — Reporting Software Peripheral Interface Port serves as the direct data interface between the Responder 4000 network and the Reporting Software (RSW) package. The R4KRSPIP provides a data stream to R4KRSW — Reporting Software running on a PC to allow management a view of nurse call activities through the generation of specific reports. A R4KSPA — Serial Peripheral Adapter comes with R4KRSPIP to provide an isolating interface between outside systems (PC) and the Responder 4000. A R4KSPA is connected to R4KRSPIP via RS-485 and can be located up to 1000 feet away for remote connection. Each R4KRSPIP provides three (3) RJ-45 jack connections: (1) for X-Bus, (1) for output to a pocket page terminal (not used with R4KRSPIP), and (1) marked DIAG. The DIAG port is used to connect RSW through R4KSPA to the PC running R4KRSW software. A R4KRSW — Reporting Software Package is included with R4KRSPIP. (Please see R4KRSW description and specifications.)

ASSOCIATED EQUIPMENT

- R4KSPA** — Serial Peripheral Adapter
- R4KPR400** — Power Supply
- NC2828** — Terminal Cabinet
- R4KNIM** — Network Interface Module
- R4KRSW** — Reporting Software

Architects and Engineers Specifications available on disk. Specifications subject to change without notice.

Rauland-Borg Corporation

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MODEL: R4KRSW — RESPONDER[®] 4000 REPORTING SOFTWARE

FEATURES

- Obtain nurse/resident interaction reports from any PC on the Local Area Network
- Active "Nurse Call Activity" display of resident/staff calls, service requirements, and staff locations
- Printouts of all nurse/resident interactions
- Individual resident activity record and report capability
- Customized report content

SPECIFICATIONS

PC Parameters:

Intel P4 CPU running @ 2.0 GHz or faster
Windows 2000 or XP Operating Systems
100 MB free disk space
Minimum of 512 MB of RAM (1 GB recommended)
Network card
Serial Interface Port "Com1" or "Com2"

Note: Software should be loaded on dedicated PC.

Support for TCP/IP

XGA monitor and adaptor at 1024x768 or better

CD-ROM drive (optional CD or DVD writer for archival backup)

Mouse for convenience with system keyboard

Note: To run reports from networked computers on a LAN, each computer requires a LAN adaptor card

DESCRIPTION

R4KRSW — Responder[®] 4000 Reporting Software is a specialized database program that automatically collects and stores all calling and staff activities from the Responder 4000 Nurse Call System. This information, displayed on a computer monitor as activities occur, may be sorted to produce a variety of specialized reports. In addition, reports can be run from any computer with access to the computer on which R4KRSW is resident.

REPORTS

R4KRSW can generate the following reports:

Analysis of Call Data by Resident

Details calling activities for a specific resident during specific times and dates or throughout their entire stay. This report condenses each call onto a single line showing when the call was placed, priority level, how long it took to answer the call from the console, staff response time to the resident's room, and staff time spent in the room. The bottom of this report shows average times for these activities. Because the software tracks response activity for every resident's room written records exist to evaluate claims against the facility.

Analysis of Call Data by Room/Bed

Reports summary information of the calling activities for a specific bed in an individual room. This serves the same function as the Analysis of Call Data by Resident without the need to input resident names.

Detailed Analysis of Call Data by Area

Details all system activities (placing a call, answering a call, service requirements, staff registrations, etc.) for a specified area or combination of areas. Activities/transactions are listed in chronological order, according to when they were completed.

Analysis of Call Data by Area

Provides overview of information from the Detailed Analysis of Call Data by Area in a condensed format. Each event is condensed onto a single line showing when calls were placed, priority of the call, how long it took to answer the call from the

console, staff response time to the resident's room, and staff time spent in the room. The bottom of this report shows the average times for these area activities.

Check-In Exception Report

Displays all rooms in which the resident has not pressed the Resident Check-In button by the time designated by the facility. The report is populated with the information of rooms from which a call has been placed from the Resident-Check-In station because the resident has not pressed the button.

Administrative

The reporting software administrator has full access to all software features and sets up access for other users. The administrator can assign user names, login passwords, and area access.

Resident Information

If required by the administrator, the system can be set-up for a user to enter resident information such as the resident's name, caregiver, or other pertinent information. Any active call display or report, which is run for this resident, can include portions of this resident information. For resident confidentiality this information can be excluded from the call display. With security access, the user can show the resident database (current resident information) to update any individual resident information.

Help

An expanded menu is provided including Help, Contents, Find, Index, and About R4KRSW.

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