

E Series® Data Comm

PRODUCT DESCRIPTION

Data Comm is an accessory card that plugs into the PCMCIA data card (rear most) slot on the E Series® defibrillator/monitor and provides case data storage and upload services. Data is transmitted to remote data management systems, such as RescueNet® ePCR, via the IEEE 802.11b/g (WiFi) protocol. The Data Comm card is operational when the E Series is in a clinical operating mode and configured to record data to the PCMCIA data card. Data storage and transmission stops when the CARD FULL message is displayed on the E Series screen.

GETTING STARTED

The Data Comm card provides storage of all E Series data currently written to the PCMCIA data card (based on unit configuration) with the exception of audio data. Data may be retrieved or erased manually by the user when the E Series system is in System Utilities Mode (see Appendix B of the Series Operator's Guide, P/N 9650-1210-01).








When the Data Comm card is installed in the E Series, the following E Series configuration options will automatically be set as shown below (see the E Series Configuration Guide, P/N 9650-1201-01):

REPORT MEMORY CARD ERRORS	YES
CARD CAPACITY MESSAGE ENABLED	YES
ERASE CARD PROMPT AT PWR OFF	YES (if the ALLOW CARD ERASE option is set to YES)
REMOVE CARD PROMPT AT PWR OFF	NO

Communication with the Data Comm card is established by the receiving data management system (such as RescueNet ePCR). See the appropriate receiving system documentation for instructions on establishing the connection between the Data Comm card and the receiving system.

The Data Comm card is compatible with E Series units with software version 7.42.000 or higher.

SYMBOLS USED

	Attention, consult accompany documents.
	Follow operator instructions.
	Manufacturer.
	Catalogue Number
	Serial Number
	Nonionizing electromagnetic radiation.
	Return to a collection site intended for waste electrical and electronic equipment (WEEE). Do not dispose of in unsorted trash.

WARNINGS

- The Data Comm card is not a hot-swappable device. The E Series should be powered down and AC power removed prior to removing and/or inserting the card.
- The Data Comm card will stop recording data when the CARD FULL message is displayed on the E Series.
- Up to 16MB of data may be stored in temporary memory before the CARD FULL message is displayed. Erasing the temporary memory is recommended after each case in order to prevent interruption of data storage and transmission during subsequent uses. **Note:** As a rule of thumb, the E Series stores approximately 4MB of data for each hour of operation (when audio recording is not activated) if configured to store all physiological data.
- The Data Comm card will stop transmitting data to external systems when the CARD FULL message is displayed on the E Series.
- Transmission of audio recording data, to a remote data management system, is not supported.

- Do not immerse the Data Comm card in liquids.
- Do not subject the Data Comm card to extreme temperatures.
- Do not use alcohol or ketones on the Data Comm card as these fluids may damage the device.
- The Data Comm card uses one or more radio transmitters for communicating with remote data management systems. While this card has demonstrated EMC compliance when used as designed with the E Series, there is no guarantee that interference will not occur in a particular installation. Transmissions from these radios may interfere with other electronic medical equipment used within the ambulance. Before using the Data Comm card for the first time, ensure that the performance of other patient care devices is not compromised by interference from Data Comm radio transmissions.
- The card is a non-serviceable/repairable item. Please contact ZOLL® Medical Corporation for assistance. (See the E Series Operator's Guide for current contact information.)

INSTALLATION

The existing rubber cover, PCMCIA data cards and modem cards must be removed (see figure 1 below). The Data Comm card is then installed in the rear most card slot on the E Series when facing the front of the device (see figure 2 below). The new rubber cover is then fit down over the top of the Data Comm until it is firmly in place. Two screws, with washers, are used to secure the rubber cover to the top of the E Series.

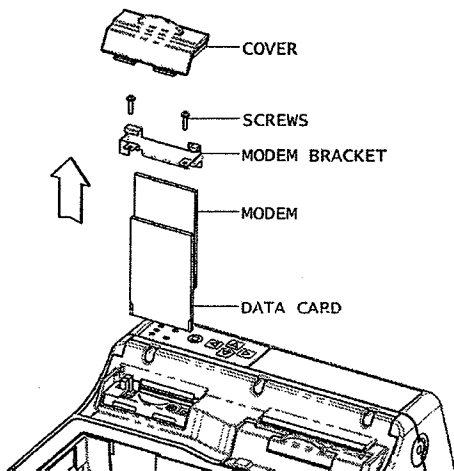


Figure 1

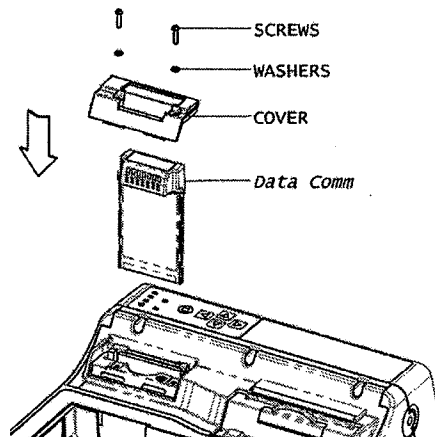


Figure 2

COMPLIANCE INFORMATION

The Data Comm card generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communications. While this card has demonstrated EMC compliance when used as designed with the E Series, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio reception, you are encouraged to relocate the E Series away from the radio.

This device has been tested and found to comply with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation (of the radio function).

This device has been tested and found to comply with RSS 210 of Industry & Science Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation (of the radio function).

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