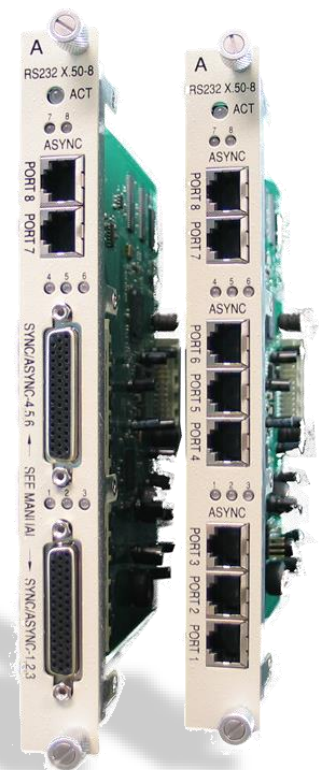


8RS232 Interface Card for HX9800

Features

- Support X.50 division 2 and X.54
- Single slot
- Two card types:
- 8 RJ48 only card: 8 ports RS232 Async
- 2 RJ48 + 2 DB44 card: Up to 4 ports RS232 Sync + 4 ports RS232 Async
- LED status indicator
- Hot swappable
- Support Async rates from 600 bps to 38400 bps
- Support Sync rates from 600 bps to 64000 bps



Description

The 8RS232 interface card for HX9800 has 8 interface ports. For the RJ version, 8 RJ48 connectors are available in asynchronous mode only. For the DB version, 2 RJ48 provide 2 ports and 2 DB44 connectors provide 3 ports each. Two cables are included. Each cable converts from DB44 connector to two DB25 and one DB9 connectors.

For asynchronous signals, the card can be used in either INDEPENDENT mode or MUX mode. In the INDEPENDENT mode, each of the 8 asynchronous ports up to 38.4 Kb/s rate, is assigned a separate 64 Kb/s channel. In the MUX mode, up to 5 ports, each up to 9.6 Kb/s, can share a single 64 Kb/s channel. The rest 3 ports will be multiplexed to another 64 Kb/s channel.

For synchronous signals only four of the ports can be used, leaving another 4 ports as asynchronous. In the INDEPENDENT mode, each of the 4 synchronous ports can be up to 64 Kb/s. The rest of the 4 asynchronous ports, each up to 38.4 Kb/s rate, is assigned a separate 64 Kb/s channel per port. In the MUX mode, the 4 synchronous ports, each up to 9.6 Kb/s, share a single 64 Kb/s channel. The other 3 asynchronous ports will be multiplexed to another 64Kb/s channel.

The 8RS232 interface card uses the multiplexing format defined in ITU-T X.50 Div.2 and in X.54 for rates below 64 Kbps. For 64 Kbps transport, standard RS232 format is used. In the INDEPENDENT mode when only one subrate signal is transported, the unused bandwidth is filled with "1s".

Ordering Information

Note 1: RoHS compliant units are identified by the letter **G** appearing at the end of ordering code.

Note 2: Before purchasing, please check the HX9800 main brochure to see if the following models are supported by the controller to be used with.

Model	Description	Notes
Main Unit		
CXR-HX9800-8RS232-RJ- G	8-port RS232 plug-in card with X.50 subrate multiplexing scheme and X.54 encoding, with 8 RJ48 connectors for 8 RS232 Async ports	
CXR-HX9800-8RS232-DB- G	8-port RS232 plug-in card with X.50 subrate multiplexing scheme and X.54 encoding, with 2 RJ48 connectors and 2 DB44 connectors for Async and Sync ports	Two conversion cables are included. (Each cable has one DB44 connector to one DB9 and two DB25 connectors).
Conversion Cables(All conversion cables are RoHS compliant)		
CXR-ACC-CAB-DB44M-100-2DB25F-1DB09F-DB	DSUB-44 pin/Male to two DSUB-25 pin/Female- one DSBU-9 pin/Female Length: 100cm	Used with CXR-HX9800-8RS232-DB- G plug-in card

Product Specifications for DTE Interface Cards

DTE(RS232-X.50 mux. 8-port) Interface (RS232/V.24)

<u>RT232-RS232-RS485-Modem-Port-Interface (RS232-RT232)</u>								
Data Port	Up to 8 ports							
MUX	Maximum 5 subrate port per 64K bps							
Data Rate	Asynchronous	Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K					
		Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K					
		Mux mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K					
	Synchronous	Independent mode	0.6K, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K, 48K, 64K					
Port Number								
Card Type	1	2	3	4	5	6	7	8
Eight RJ48	Async	Async	Async	Async	Async	Async	Async	Async
Two DB44 + Two RJ48	Async/Syn c	Async/Syn c	Async	Async/Syn c	Async/Syn c	Async	Async	Async
Connector	Eight RJ48 (port 1 to port 8) DB44 (port1,port2,port3), DB44 (port4,port5,port6), RJ48 (port7) and RJ48(port8)							
Conversion Cable	A three-into-one conversion cable adapts the DB44 connector to 3 connectors (one DB9S and two DB25S)							
Electrical	RS232 Interface, DCE							

Application Illustrations

