10/100Mbps **Serial Ethernet Bridge**

DATA-CONNECT **SE2130**

Ethernet network connections over 2Mbps lease lines

The Data-Connect SE2130 Serial Ethernet Bridge is a high performance remote, self-learning, Serial Ethernet bridge. Its compact size and low cost makes it ideal for cost-sensitive bridging applications or as a LAN extender or segmenter over bit stream type infrastructures. The built-in n x 64(56) Kbps timing clock generator makes it easy to connect to other n x 64(56) Kbps related data equipment. Several options of data interfaces, including V.35, RS-530, RS-449, X.21 and RS-232, make this unit's connection between 10Base-T and 100Base-TX LAN and various dataport interfaces convenient.
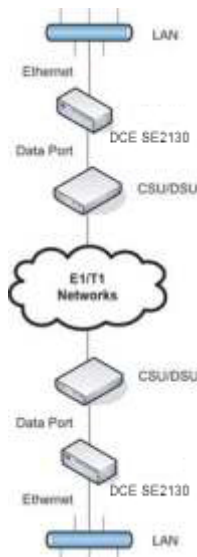
Features

- Automatic LAN table learning and aging
- Auto-MDI/MDIX detects and corrects crossed cable
- Built-in n x 64K / n x 56K timing clock generator for Sync WAN link
- IEEE 802.3x flow control
- High performance bridge for 10Base-T or 100Base-TX Ethernet extension
- Selectable data port interfaces: V.35, RS-530, RS-449, X.21, and RS-232. (with cable adapters)
- Transparent half / Full duplex support on WAN / LAN interface

Specifications

Standard	IEEE 802.3/10Base-T, IEEE 802.3u/100Base-TX	
Connector	RJ-45	
Bridge	LAN Table	256 MAC address with 5 minute automatic aging
	Filtering and Forwarding	15,000 frame/sec
	Buffer	256 frames
	Delay	1 frame
LEDs	LAN/ WAN Link and activity status	
Power	DC	9VDC
Environment	Temperature	0 — 50°C (Operating); -20 — 65°C (Storage)
	Humidity	0 — 90% non condensing
Power Consumption	<5W	
Dimensions(WxDxH)	7.9mm x 13.5mm x 2.5mm	
Weight	150g	
Compliance	FCC, CE	
MTBF	TBA	

Application

Ordering Info

Model Number	WAN (Dataport)	LAN Port
SE2130/ V35M	V.35 Interface	10/100Base-TX
SE2130/ V35F	V.35 Interface	10/100Base-TX
SE2130/ X21M	X.21 Interface	10/100Base-TX
SE2130/ X21F	X.21 Interface	10/100Base-TX
SE2130/ 530M	RS-530 Interface	10/100Base-TX
SE2130/ 530F	RS-530 Interface	10/100Base-TX
SE2130/ 449M	RS-449 Interface	10/100Base-TX
SE2130/ 449F	RS-449 Interface	10/100Base-TX
SE2130/ 232M	RS-232 Interface	10/100Base-TX
SE2130/ 232F	RS-232 Interface	10/100Base-TX

DATA-CONNECT
The Right Connection!

Data Connect Enterprise
3405 Olandwood Court
Olney, MD 20832 USA

P 301-924-7400
F 301-924-7403
E sales@data-connect.com
W www.dataconnectus.com