

LSC-1102B

Ethernet to RS-232/ 422/ 485 Serial Device

- Dynamic IP Configuration
- Server / Client Dual Modes
- Built-in Security Control
- Remote Reprogramming



OVERVIEW

Lantech LSC-1102B is a full set serial device within two serial ports as one is a RS-232 port and other one is a 422/ 485 (Auto-Detective) and it provides one socket connection port.

Lantech provides new ways of connecting legacy serial devices to a Local Area Network (LAN) or Wide Area Network (WAN). TCP/IP serial devices are designed to operate serial ports over 100Mbit/s Ethernet networks. The data is transmitted via TCP/IP protocol. Therefore, control is available via Ethernet, Intranet and Internet. LSC-1102B serial device is packaged in a

PVC material case well suited for industrial environments. All serial ports operate in common industrial configuration. The serial device can be configured as network server or network client. In the client mode, it can be installed in network which is protected by NAT router or firewall, without the need of a real IP address. The firmware of LSC-1102B can be reprogrammed directly via Ethernet network to keep up with latest network standards. Lantech LSC-1102B is one of the best serial devices for industrial applications.

SPECIFICATION

Serial Ports		RAM	128K bytes SRAM
Port	RS-232 * 1 Port (DB9), RS- 422 / 485 * 1 Port (Auto Detect)	Digital I/O	Digital I/O * 16 TTL
Speed	921.6 Kbps	Watch Dog Function	Present
Parity	None, Odd, Even, Mark, Space	IP Search Utility	Supports Win-7, Win-8, Vista, Win-XP, Win-2003 server, Win-2000, Win-10
Data Bit	5, 6, 7, 8	Virtual COM	Supports Windows 2000 / 2003 / XP / Vista / Win-7 / Win-8 / Win-10
Stop Bit	1, 2	Firmware Update	Firmware On-line Updated Via Ethernet
Port-1	RS-232 Pins: Rx, Tx, GND, RTS, CTS, DTR, DSR, DCD	LED	SYS (PWR), DI/DO, Port2(RS-422/485), Port1(RS-232)
Port-2 (RS-422)	Rx+, Rx-, Tx+, Tx- (Surge Protect)	Power	DC 9 ~ 30 V, 300mA @ 12VDC
Port-2 (RS-485)	Data+, Data- (Surge Protect)	Operating Temperature	-10°C~70°C
Resistor	Built-in RS-422 / RS-485 pull high / low Resistor	Storage Temperature	-20°C~85°C
ESD	15KV ESD for all signal	Installation	Din-Rail and Panel mounting options
Ethernet Port		Dimensions	90 x 60 x 25 mm (W * D * H)
Port Type	RJ-45 Connector	Weight	100g
Speed	10 / 100 Mbps (Auto Detect)	EMC	FCC Class B, CE EN55032 Class B; EN55024
Protocol	ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, TELNET	Warranty	2 years
Mode	TCP Server / TCP Client / UDP / Virtual Com / Pairing		
Setup	HTTP Browser Setup (IE)		
Security	Login Password		
Protection	Built-in 1.5KV Magnetic Isolation		
General Specification			
CPU	32-bits ARM-Cortex-M4 CPU, 120 MHz		
ROM	512K bytes Flash ROM		

ORDERING INFORMATION

- **LSC-1102B**..... P/N: 8425-0062
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