

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		ROM	512K bytes Flash ROM
Port	RS-232 * 1 Port (DB9) , RS- 422 / 485 * 1 Port (Auto Detect)	RAM	128K bytes SRAM
Speed	300 bps ~ 230.4 Kbps	Digital I/O	Digital I/O * 16 TTL
Parity	None , Odd , Even , Mark , Space	Watch Dog	Present
Data Bit	5 , 6 , 7 , 8	Function	
Stop Bit	1 , 2	IP Search Utility	Supports Win-7, Win-8 , Vista , Win-XP , Win-2003 server , Win-2000, Win-10
Port-1	RS-232 Pins : Rx , Tx , GND , RTS , CTS , DTR , DSR , DCD	Virtual COM	Supports Windows 2000 / 2003 / XP / Vista / Win-7 / Win-8 / Win-10
Port-2 (RS-422)	Rx+ , Rx- , Tx+ , Tx- (Surge Protect)	Firmware Update	Firmware On-line Updated Via Ethernet
Port-2 (RS-485)	Data+ , Data- (Surge Protect)	LED	SYS (PWR) , DI/DO, Port2(RS-422/485), Port1(RS-232)
Resistor	Built-in RS-422 / RS-485 pull high / low Resistor	Power	DC 9 ~ 30 V , 300mA @ 12VDC
ESD	15KV ESD for all signal	Operating Temperature	-10°C~70°C
Ethernet Port		Storage Temperature	-20°C~85°C
Port Type	RJ-45 Connector	Installation	Din-Rail and Panel mounting options
Speed	10 / 100 Mbps (Auto Detect)	Dimensions	90 x 60 x 25 mm (W * D * H)
Protocol	ARP , IP , ICMP , UDP , TCP , HTTP , DHCP , TELNET	Weight	100g
Mode	TCP Server / TCP Client / UDP / Virtual Com / Pairing	EMC	FCC Class A, CE Class A
Setup	HTTP Browser Setup (IE)	Warranty	2 years
Security	Login Password		
Protection	Built-in 1.5KV Magnetic Isolation		
General Specification			
CPU	32-bits ARM-Cortex-M4 CPU , 120 MHz		

ORDERING INFORMATION

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