

LSC-1102

Ethernet to RS-232/ 422/ 485 Serial Device

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



OVERVIEW

Lantech LSC-1102 is a full set serial device within two serial ports as one is a RS-232 port and other one is a RS-232/ 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-1102 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-1102 can be reprogrammed directly via Ethernet network to keep up with latest network standards. Lantech LSC-1102 is one of the best serial devices for industrial applications.

SPECIFICATION

Serial Ports		General Specification	
Port	RS-232 * 1 Port (DB9) , RS-232 / 422 / 485 * 1 Port (Auto Detect)	CPU	32-bits ARM-Cortex-M3 CPU , 50 MHz
Speed	300 bps ~ 115.2 Kbps	ROM	256K bytes Flash ROM
Parity	None , Odd , Even , Mark , Space	RAM	64K bytes SRAM
Data Bit	5 , 6 , 7 , 8	Digital I/O	Digital I/O * 8 TTL
Stop Bit	1 , 2	Watch Dog	Present
Port-1	RS-232 Pins : Rx , Tx , GND , RTS , CTS , DTR , DSR , DCD	Function	
Port-2	RS-232 Pins : Rx , Tx , GND	IP Search Utility	Supports Win-7 , Vista , Win-XP , Win-2003 server , Win-2000
RS-422	Rx+ , Rx- , Tx+ , Tx- (Surge Protect , Over current protect)	Virtual COM	Supports Windows 2000 / 2003 / XP / Vista / Win-7
RS-485	Data+ , Data- (Surge Protect , Over current protect)	Firmware Update	Firmware On-line Updated Via Ethernet
Resistor	Built-in RS-422 / RS-485 pull high / low Resistor	LED	SYS (PWR) , LAN , Rx , Tx
ESD	15KV ESD for all signal	Power	DC 9 ~ 24 V , 300mA @ 12VDC
Ethernet Port		Operating Temperature	-10°C~70°C
Port Type	RJ-45 Connector	Storage Temperature	-20°C~85°C
Speed	10 / 100 Mbps (Auto Detect)	Installation	Din-Rail and Panel mounting options
Protocol	ARP , IP , ICMP , UDP , TCP , HTTP , DHCP , TELNET	Dimensions	90 x 60 x 20 mm (W * D * H)
Mode	TCP Server / TCP Client / UDP / Virtual Com / Pairing	Weight	100g
Setup	HTTP Browser Setup (IE)	EMC	FCC Class A , CE Class A
Security	Login Password	Warranty	2 years
Protection	Built-in 1.5KV Magnetic Isolation		

ORDERING INFORMATION

- **LSC-1102**.....P/N: **8425-006**
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Lantech Communications Global Inc.

www.lantechcom.tw
info@lantechcom.tw

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