LSC-1102A

Ethernet to RS-232/ 422/ 485 Serial Device

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

FCC CE [WEEE] RoHS

OVERVIEW

Lantech LSC-1102A 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-1102A 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-1102A can be reprogrammed directly via Ethernet network to keep up with latest network standards. Lantech LSC-1102A is one of the best serial devices for industrial applications.

SPECIFICATION

Serial Ports

Port	RS-232 * 1 Port (DB9) , RS-232 / 422 / 485 * 1 Port (Auto Detect)
Speed	300 bps ~ 115.2 Kbps
Parity	None , Odd , Even , Mark , Space
Data Bit	5 , 6 , 7 , 8
Stop Bit	1 , 2
Port-1	RS-232 Pins : Rx , Tx , GND , RTS , CTS , DTR , DSR , DCD
Port-2	RS-232 Pins : Rx , Tx , GND
RS-422	Rx+ , Rx- , Tx+ , Tx- (Surge Protect , Over current protect)
RS-485	Data+ , Data- (Surge Protect , Over current protect)
Resistor	Built–in RS-422 / RS-485 pull high / low Resistor
ESD	15KV ESD for all signal

Ethernet Port

Port Type	RJ-45 Connector
Speed	10 / 100 Mbps (Auto Detect)
Protocol	ARP , IP , ICMP , UDP , TCP , HTTP , DHCP , TELNET
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-M3 CPU , 50 MHz
ROM	256K bytes Flash ROM
RAM	64K bytes SRAM
Digital I/O	Digital I/O * 8 TTL
Watch Dog Function	Present
IP Search Utility	Supports Win-7 , Vista , Win-XP , Win-2003 server , Win-2000
Virtual COM	Supports Windows 2000 / 2003 / XP / Vista / Win-7
Firmware Update	Firmware On-line Updated Via Ethernet
LED	SYS (PWR) , LAN , Rx , Tx
Power	DC 9 ~ 24 V , 300mA @ 12VDC
Operating Temperature	-10°C~70°C
Storage Temperature	-20°C~85°C
Installation	Din-Rail and Panel mounting options
Dimensions	90 x 60 x 20 mm (W * D * H)
Weight	100g
EMC	FCC Class A, CE Class A
Warranty	2 years

ORDERING INFOMATION

- **LSC-1102A………………………………………..P/N: 8425-0061**
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