ATEN Technology, Inc.
www.aten-usa.com



RS-232 to RS-485/RS-422 Bidirectional Converter IC485SN

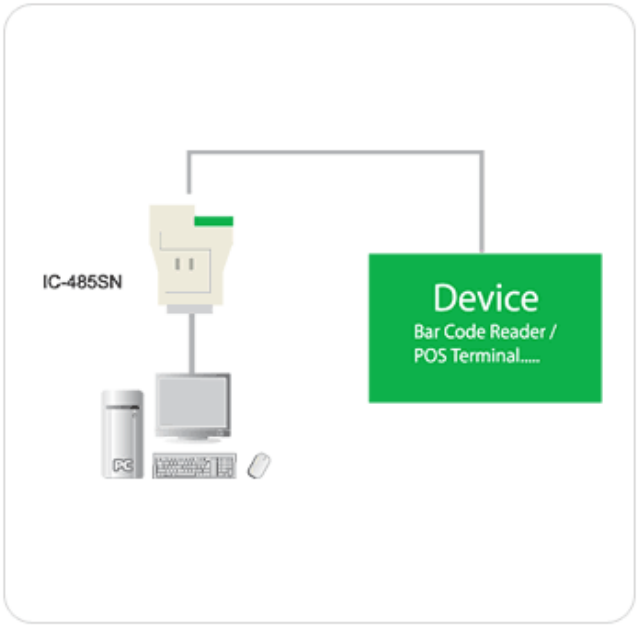
The IC485SN is hardware solutions to the problem of converting signals between two standards. Data transfer can take place at up to 1200m (4000'), over four or two wire cable for full or half duplex, respectively. The converters can handle any RS-485/RS-422 device allowing it to function as a short haul modem or interface converter. Request to send (RTS) selection allows up to 32 receivers to be set up in a multidrop installation, making for a cost effective network configuration. The IC485SN is a bi-directional interface converters for RS-232 and RS-485. With the IC-485 series, it provides Point-to-Point, Multidrop and Simplex operations.

Distributor Part NO. : Ingram Mirco: 499061 , TechData: 73381

Features:

Data Transmission Controlled by the RTS Signal DCE/DTE Selectable Point to Point, Multidrop and Simplex/Duplex Link Selectable Four Wire Full Duplex / Two Wire Half Duplex Non Powered Operation Compact Size

Diagram :



Requirements:

Package Content:

- 1 X IC485SN bi-directional isolated converter
- 1 X User manual
- 1 X Warranty registration card

Specification :

Housing	
Case	Plastic
Cable Distance	4000 ft. (1200 m)
Data Rate	Up to 100 Kbps under 4000ft. (1200m)
Function Switches	SW1(DCE, DTE), SW2(TxON, RxON,TxRTS, RxON,TxDTR/RTS, RxDSR/ON)
Connectors	1 DB-25 Female, RS-485 / RS-422 Four Terminal Block, RJ11
Unit Dimensions	
Width	2.2 in. (5.6 cm)
Height	3.2 in. (8.1 cm)
Depth	0.8 in. (2.1 cm)
Unit Package Dimensions	
Width	6.5 in. (16.5 cm)

Height	2.5 in. (6.4 cm)
Depth	9.5 in. (24.1 cm)
Master Carton	
Width	13.5 in. (34.3 cm)
Height	13.0 in. (33.0 cm)
Depth	20.3 in. (51.4 cm)
Master Carton Qty.	20
Weight	
Master Carton Wt.	12.1 lb. (5.5 kg)
Unit Pack Wt.	0.5 lb. (0.3 kg)