Aport-211S

Single-port Serial-to-Ethernet Gateway

Features

- Connect RS-232 / 422 / 485 devices to TCP/IP network
- 8 x programmable digital I/Os
- 10/100Mbps Ethernet; 38.4Kbps serial data rate
- Supports TCP / Server mode and TCP / Client mode
- Web / Telnet / Serial consoles for device configuration
- Windows utility for device configuration and management
- Firmware upgradable

H/W Specifications

Network Interface

- Type: 1 x 10/100BaseT, RJ45 connector
- Protocols: TCP, UDP, HTTP, TELNET, IP, ICMP, ARP
- IP addressing: DHCP, Static IP

Operation Modes

- TCP / Server and TCP / Client

Serial Interface

- Type: RS-232 / 422 / 485, switch selectable
- Connector: DB9, male
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
- Baud Rate: 1.2~38.4Kbps
- Parity: None, Even, Odd
- Data Bits: 7, 8
- Stop Bits: 1, 2
- Flow Control: None, RTS / CTS, XON / OFF

Programmable Digital I/Os

- PIO0~PIO5: TTL level compatible
- PIO6~PIO7: CMOS level compatible
- Connector: DB9, male

Configuration Methods

- Web console, Telnet Console and Serial Console

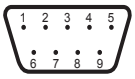
General

- Power Input: 9~40VDC
- Power Consumption: 70mA@+12VDC
- Operating Temperature: 0~70°C, 5~95% RH
- Storage Temperature: -20~85°C, 5~95% RH
- Dimensions (W x H x D): 78 x 108 x 25mm
- Weight: 300g
- Regulation: CE / FCC compliant
- Warranty: 5 years

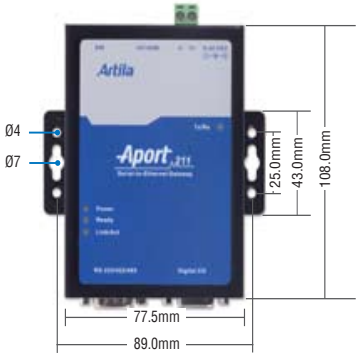
PIN Assignment

PIN	GPIO
1	PIO 0
2	PIO I
3	PIO 2
4	PIO 3
5	PIO 4
6	PIO 5
7	PIO 6
8	PIO 7
9	GND

PIN	RS-232	RS-422	RS-485
1	DCD	Tx-	---
2	Rx	Tx+	---
3	Tx	Rx+	Data+
4	DTR	Rx-	Data-
5	GND	GND	GND
6	DSR	---	---
7	RTS	---	---
8	CTS	---	---
9	---	---	---



Dimensions



Ordering Information

- **Aport-211S**
  Single-port Serial-to-Ethernet Gateway
- **DK-35A (36-DK35A-000)**
  DIN RAIL Mounting Kit
- **PWR-12V-1A (31-62100-000)**
  110~240VAC to 12VDC 1A Power Adapter

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