

AC-SiDPAS02H00

Sunix DPAS02H00 DevicePort Advanced Mode Ethernet enabled 2-port RS-232 Port Replicator

Product Overview

Sunix DPAS02H00 DevicePort Advanced mode ethernet enabled with WiFi support - 2x serial/RS-232 over ethernet, upstream+downstream with daisy support up to 255x serial ports, auto-detect & port-mapping, 115 Kbps, sunix DPL2000Q chipset, 121x81.9x27mm, 15KV ESD protection + 8KV IEC1000-4-2 Contact Discharge + 4KV line-to-line protection, powered by USB - to prevent on-line spy recording, DevicePort Dock Mode limits specific ethernet port connection to PC (not directly on router or switch)



Specifications

About this product

The Sunix DPAS02H00 DevicePort is a versatile networking solution offering advanced ethernet connectivity with WiFi support. Designed for high-performance serial communication, it supports 2x RS-232 serial ports over ethernet, upstream and downstream daisy-chaining of up to 255x devices, and features auto-detection with port-mapping for seamless integration. Powered via USB and equipped with robust ESD protection, it ensures secure and reliable device communication.

Overview Summary

Product:Sunix DPAS02H00 DevicePort Advanced Ethernet Adapter

The Sunix DPAS02H00 is engineered for efficient serial-to-ethernet conversion, supporting both wired and wireless connections. It features 2x RS-232 serial ports and can daisy-chain up to 255 devices, offering scalable connectivity for industrial and commercial applications. Its auto-detect and port-mapping functionality simplifies configuration while ensuring fast and reliable data transfer at 115 Kbps.

Designed for security-conscious environments, the DevicePort Dock Mode limits specific ethernet port connections to PCs, preventing direct router or switch access and reducing risk of online spy recording. With robust protection against electrical surges and ESD, this compact device (121 x 81.9 x 27mm) is perfect for high-demand network setups.

Performance tier:High-performance

Uses:Serial device networking, industrial automation, secure data transmission, USB-powered remote access, network expansion

Overview

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Product Specification Sheet

DPAS02H00 allows users to expand two RS-232 ports over Ethernet connection, and it works on any windows based desktop, thin client, laptop, All-in-one, and tablet PC computers. With SUNIX DPL2000Q High-Performance Ethernet-UART controller and exclusive I/O Redirection Technology, DevicePort(RegTM) creates physical COM ports that support real time data communication, Smart COM on/off-line deployment, and Ethernet-COM port hot-plug capability; user can expand RS-232 COM port easily without complex software configuration. SUNIX DevicePort(RegTM) improves solution deployment efficiency to achieve greater reliability in commercial and industrial automation applications.

Description

The Sunix DPAS02H00 DevicePort combines industrial-grade reliability with flexible networking options. It supports 2x RS-232 serial ports over ethernet and WiFi, enabling easy integration into existing network infrastructures. The device can be daisy-chained upstream and downstream up to 255 serial ports, with automatic port mapping and detection for simplified installation. Its USB-powered design allows safe operation without direct router access, and DevicePort Dock Mode ensures controlled connections to PCs. ESD and surge protections guard against electrical hazards, making it ideal for both office and industrial environments.

Features

- 2x RS-232 serial ports over ethernet with WiFi support
- Upstream and downstream daisy-chain support up to 255 devices
- Auto-detect and port-mapping functionality for easy setup
- Data transfer up to 115 Kbps for stable performance
- DevicePort Dock Mode limits ethernet port access to PCs, enhancing security
- USB-powered operation for flexible deployment
- Comprehensive ESD protection: 15KV, 8KV IEC1000-4-2 contact discharge, 4KV line-to-line
- Compact design: 121 x 81.9 x 27mm
- Sunix DPL2000Q chipset for reliable serial-to-ethernet conversion

What's in the Box

- Sunix DPAS02H00 DevicePort unit
- USB power cable
- Quick installation guide
- Serial port cables

Specifications

Serial Communication	
Interface	RS-232
Controller	SUNIX DPL2000Q
BUS	Ethernet
No. of Port	2-port
FIFO	1Kbyte Hardware / per port
Baud rate	50bps ~115.2Kbps
Stop bit	1, 1.5, 2
Parity	even, odd, none, mark, space
Flow Control	Xon/Xoff (software)

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Product Specification Sheet

Connector	DB9 Male
Signal	DCD, TxD, RxD, RTS, CTS, DTR, DSR, GND, RI
Protection	+/-15KV ESD IEC6000-4-2 Air Discharge
	+/-8KV ESD IEC61000-4-2 Contact Discharge
	+/-4KV ESD IEC61000-4-2 Level2 Line-to-Line
Ethernet Communication	
Number of Ports	2-port, Ethernet Switch Port
Speed	10/100 Mbps, auto MDI/MDIX
Connector	RJ45
Magnetic Isolation Protection	1.0K Built-in
Power Requirements	
Input Voltage	5 to 12VDC
Power Consumption	2.5W @ 5VDC
Connector	DC-Jack
Driver Support	
Windows Client	XP (X86) / 7 / 8 / 8.1 / 10 (X86/X64)
Windows Server	2003 / 2008 / 2012R2 (X64)
Regulatory Approvals	
Hardware	EUR: CE EN55022 Class B, EN55024
	US: FCC Part 15 Class B
	TAIWAN: BSMI: CNS13438
	AS/NZS: C-Tick: CISPR22 AS/NZS
	JAPAN: VCCI
Software	Microsoft WHQL Windows
	Microsoft Client: XP (X86) / 7 / 8 / 8.1 (X86/X64)
	Microsoft Server: 2003/2008/2012R2 (X64)
Environment	
Operation Temperature	0 to 45degreesC (32 to 113degreesF)
Operation Humidity	5 to 95% RH (non-condensing)
Storage Temperature	-20 to 85degreesC (-4 to 185degreesF)
Physical Characteristics	
Housing	ABS, PC, Metal
Weight	145 g
Dimensions	121x81.93x27(mm), 4.7x3.2x1.0(inch)

FAQ

Q: What types of serial ports does the Sunix DPAS02H00 support?

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Product Specification Sheet

A: The device supports 2x RS-232 serial ports over ethernet and WiFi, suitable for industrial and office networking applications.

Q: How many devices can be daisy-chained with the DevicePort?

A: Up to 255 serial devices can be connected upstream and downstream using the daisy-chain functionality.

Q: How is the DevicePort powered?

A: The Sunix DPAS02H00 is USB-powered, making it easy to deploy without additional power adapters.

Q: What security features does this device offer?:

A: DevicePort Dock Mode restricts ethernet port connections to PCs only, preventing direct router or switch access, reducing risk of online spying.

Q: What protection features are included?:

A: The device offers 15KV ESD, 8KV IEC1000-4-2 contact discharge, and 4KV line-to-line protection to safeguard connected equipment.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/AC-SiDPAS02H00-Sunix-DPAS02H00-DevicePort-Advanced-Buy-p-118917.php>

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