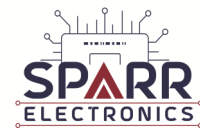


SERIAL TO Wi-Fi CONVERTER



- The Serial-to-Wi-Fi Converter is a wireless networking device designed to connect RS232/RS485 serial equipment to a PC over a standard Wi-Fi network. It enables seamless communication between serial devices and wireless networks.
- This device can be easily configured using either an Android mobile phone or a PC.
- It supports data transmission over **TCP/IP**, **UDP**, or **HTTP** protocols using the **802.11 b/g/n** wireless standard—allowing integration with existing Wi-Fi infrastructure. .
- You can connect any standard RS232 or RS485 serial device to a secure or open wireless network or access point with ease.
- the converter supports **Modbus communication** over the RS485 interface, enabling compatibility with Modbus-enabled devices.



Features & Specifications

Serial Interface

Interface	RS 232 , RS 485/RS422
Connector	9 Pin Male D-Type for RS 232 and RS 485/RS422
Baud Rate	300 to 115200 bps
Data Bits	7 or 8
Parity	Odd, Even and No Parity
Stop Bits	1 or 2

Wireless Interface

Standard	802.11 b/g/n
Networking Capability	Soft Access Point, Station Mode
Security Protocols	WPA, WPA2, WPS
Communication Protocols	TCP, UDP and MODBUS TCP
Antenna	External Antenna with Magnetic catch & 3 meter cable

Indicators (LED)

Red	Power ON
Yellow	Connection Status
Green	Transmit Data from Serial
Yellow	Receive Data to Serial

Configuration	Web browser, Android App
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Power

Input	6 to 30 V DC, 300 mA
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RS485 / RS422

Nodes	Up to 32
Cable Length	1200 meters maximum
Isolation	2500 Vrms

Environmental

Operating	0 °C to 55 °C
Storage	0 °C to 85 °C

Packaging

Dimensions (LxWxH)	100mm(L) x 54mm(W) x 32mm(H)
Weight	80g
Warranty	12 Months

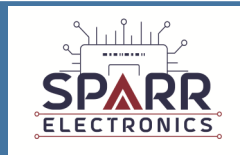
Sparr Electronics Limited

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Phone : +91-9900477055, +91-80-41278033 For more details visit: <https://www.sparrl.com>

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SERIAL TO Wi-Fi CONVERTER



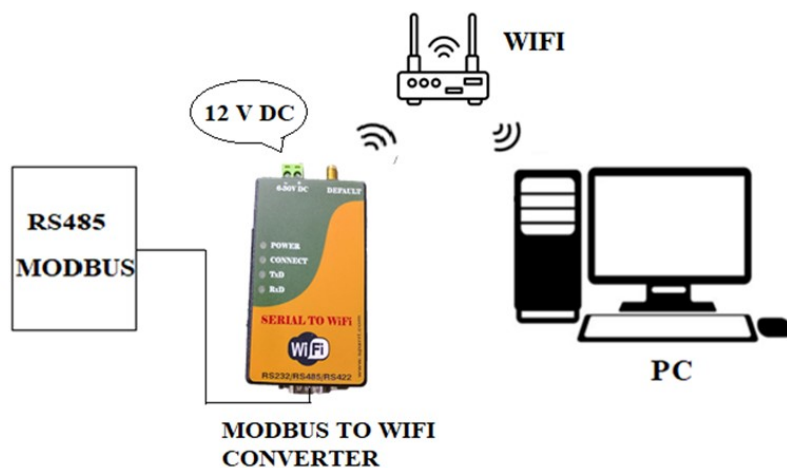
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Applications

- Access management in hospitality industry.
- Attendance reader and access control systems.
- Barcode readers and printers.
- Building automation & control.
- Card verification kiosks.
- CNC machine control.
- Industrial automation.
- Patient monitoring.

CONNECTION DIAGRAM



ADAPTOR AND ANTENNA



Part Number	Model	Deliverables
2766060966	EAD -01WN32-232	CONVERTER WITH 12V ADAPTOR AND ANTENNA
2766061001	EAD -01WN32-485 MDB	CONVERTER WITH 12V ADAPTOR AND ANTENNA

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