

IWAP2000, 523e, Moxa W2150 Comparison

IWAP2000 and 523e are the wireless serial port device servers offered by Atech Technology. Moxa W2150 is the benchmark for wireless serial port device server in industrial market. This application note shows you the difference of the features between Atech IWAP2000, 523e and Moxa W2150. You can compare the strength and limitation of the 3 wireless device servers. The difference of the features is summarized in the following comparison table.

Comparison Table

Feature	IWAP2000	523e	Moxa W2150
Radio	802.11b	802.11a/b/g	802.11a/b/g
Radio Output	14dbm	19dbm	15dmb
Wireless Network Setting	Wireless Client	AP/Client/Bridge/Mesh	AdHoc/Wireless Client
Wireless Mesh/Bridge	N/A	Yes	N/A
LAN Interface	N/A	RJ45	RJ45
Serial Port	RS232 / 422 / 485	RS232	RS232 / 422 / 485
Serial Port Baudrate	1200 bps to 115200 bps	1200 bps to 115200 bps	50 bps to 921.6 Kbps
Serial Port Communication	TCP Socket Server/Client, UDP	TCP Socket Server/Client, Raw Socket	TCP Socket Server/Client, UDP
Off-line Serial Port Buffering	N/A	N/A	10Mb
Wireless Management System	N/A	Yes	N/A
Input Voltage	5V	9-32V	12-48V
PoE	N/A	24VDC PoE	N/A
Power Consumption	40-120mA@3.3V	500 mA@12VDC	560mA@12VDC
Battery	1000mAh	N/A	N/A
Stand-alone operation	10hr to 30 days	N/A	N/A

Technical Support

If you encounter any technical issues while using IWAP2000, do not hesitate to contact us at Atech. Our technical staff will help you resolve the technical issues. You can contact us by email or phone. The following is our technical contact:

Hours: 9:30AM to 5:30PM (GMT+08:00)
Email: wifi.support@atechtpe.com.tw
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