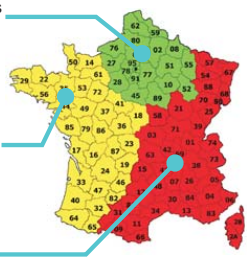

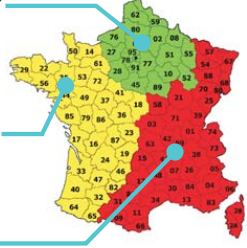




NPort Serial Device Server Solutions

NPort W2250/2150

	Ile de France Paris et Nord	Votre interlocuteur
65 rue de la Libération - 60710 Chevrières tél 03.44.91.04.14 - fax 03.44.91.04.15 www.airicom.com - info@airicom.com		
	Bretagne et Grand Ouest	
La Ville Cognac - 56430 Maunon tél 02.97.22.79.72 - fax 02.97.22.90.51 www.aurecom.fr - info@aurecom.fr		
	Rhône Alpes Est et Sud-est	
26 rue Bergson - 42000 Saint Etienne tél 04.77.92.03.56 - fax 04.77.92.03.57 www.rg2i.com - info@rg2i.fr		
Groupe 		

2/1-Port Wireless Serial Device Servers

Features

- Link any serial device to a Wi-Fi 802.11b or b+g network
- 2 or 1 RS-232/422/485 ports, at up to 230.4 Kbps
- Web-based configuration via built-in Ethernet or WLAN
- Supports Windows/Linux COM driver
- Supports TCP Client/Server pair connection mode and UDP mode
- Secure data access via standard WEP
- Compact sized, robust metal case fits all applications



Overview

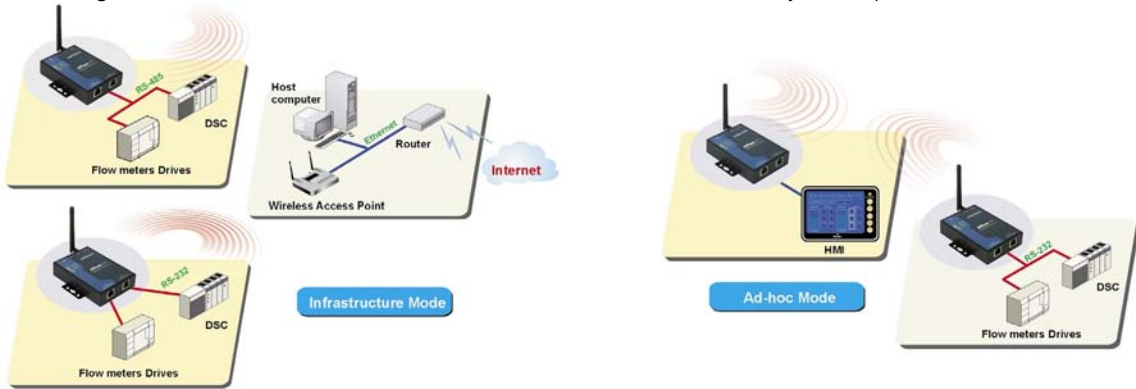
The NPort W2250/2150 Wireless Serial Device Server extends wireless networking capabilities to printers, scales, medical equipment, manufacturing machinery, bar code readers, card readers, point-of-sale equipment and other data

collection devices. NPort W2250/2150's RS-232/422/485 3-in-1 serial interface is suitable for use with most serial devices. Link up to 2 serial devices to your wireless network via one NPort Server IP address.

802.11b Wireless Connectivity to Serial Devices

For hard-to-wire situations, a wireless Serial Device Server is the ideal solution to reduce the number of connection cables. When using Infrastructure Mode or Ad-Hoc Mode, NPort

W2250/2150 can communicate with any host computer via an access point or another NPort W2250/2150 located up to 100 meters away in an open area.



Works with Existing Software, Saving you Time and Money

NPort W2250/2150 supports field proven Real COM/TTY drivers for Windows and Linux system, ensuring that existing PC software will still work when used with the new Wireless

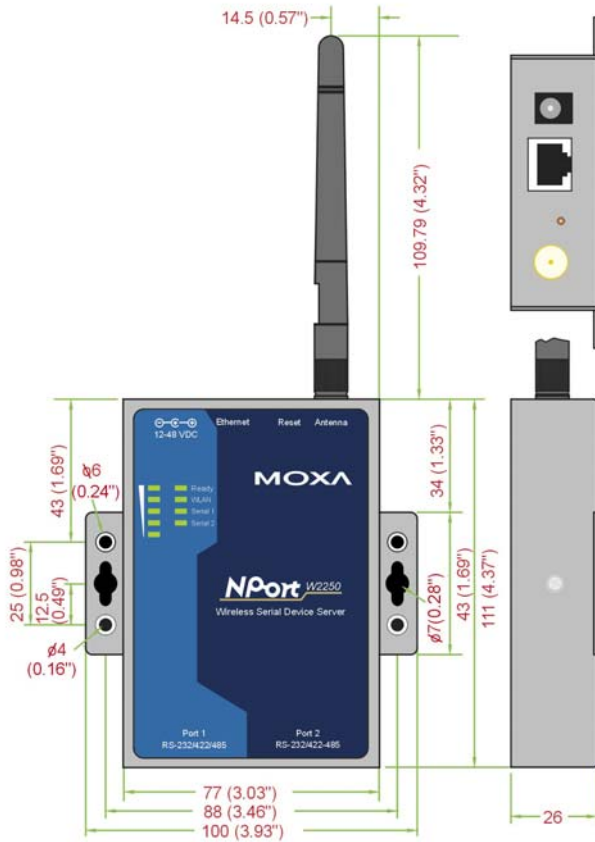
LAN infrastructure. TCP Server, TCP Client, and UDP modes are also supported so that IP-based software (e.g., Telnet) can use IP and TCP port number to access each device directly.

Easy-to-use Remote Management and Configuration Tools

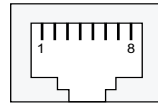
NPort W2250/2150 comes with a Windows utility that automatically searches for and locates the Wireless Serial Device Server over an Ethernet network. An easy-to-use Wizard (via the

web console) guides you through the entire installation in just a few minutes.

Dimensions



Pin Assignment



RJ45 RS-232/422/485 port

PIN	RS-232	RS-422, RS-485 (4-Wire)	RS-485 (2-Wire)
1	DSR	---	---
2	RTS	TxD+	---
3	GND	GND	GND
4	TxD	TxD-	---
5	RxD	RxD+	Data+
6	DCD	RxD-	Data-
7	CTS	---	---
8	DTR	---	---

Specifications

Serial

No. of ports: 2 ports (NPort W2250), 1 port (NPort W2150)

Interface: RS-232/422/485, 8-pin RJ45

Serial Communication Parameters

Parity: None, Even, Odd, Space, Mark

Data bits: 5, 6, 7, 8

Stop bits: 1, 1.5, 2

Flow control: RTS/CTS, XON/XOFF

Speed: 110 bps to 230.4 Kbps

Console Ports

Ethernet x 1, RS-232 console x 1 (Port 1)

Software Features

Protocols: ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP, HTTP, SMTP

Utilities: Windows utility for Windows 98/ME/2000/XP/2003

Configuration: Web browser, serial/telnet console, or Windows utility

Power Requirements

Power input: 12-48 VDC

Power consumption: 250 mA @ 12V, 138 mA @ 24V

Mechanical Specifications

Material: Aluminum sheet metal (1 mm)

Dimensions:

Body: 77 x 111 x 26 mm (without ears or antenna)

Body: 100 x 111 x 26 mm (without antenna)

Antenna: 109 mm

Environmental

Operating Temperature: 0 to 55°C (32 to 131°F), 5 to 95% RH

Storage Temperature: -20 to 85°C (-4 to 185°F), 5 to 95% RH

Regulatory Approvals

EMC: FCC Class A, CE Class A

Safety: UL, CUL, TÜV

Specifications

WLAN

Standard Compliance: 802.11b

Radio Frequency Type: DSSS

Tx Power: 15 dBm ± 2 (CH1-Ch13), 12dBm ± 2 (CH14)

Rx Sensitivity: -84 dBm @ 11 Mbps, -87 dBm @ 5.5 Mbps, -89 dBm @ 2 Mbps, -91 dBm @ 1 Mbps

Transmission Rate: 11 Mbps (max.) with auto fallback (11, 5.5, 2, 1 Mbps)

Transmission distance: Up to 100 meters (@11 Mbps, in open areas)

Security: WEP 64-bit/128-bit data encryption

Antenna Connector: Reverse SMA

Network Mode: Infrastructure mode, Ad-Hoc mode

LAN

Ethernet: 10/100 Mbps, RJ45

Protection: Built-in 1.5 KV magnetic isolation

Ordering Information

NPort W2150-EU: 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, Euro plug

NPort W2250-EU: 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, Euro plug

<p>Ile de France Paris et Nord</p> <p>65 rue de la Libération - 60710 Chevières tél 03.44.91.04.14 - fax 03.44.91.04.15 www.airicom.com - info@airicom.com</p>	<p>Bretagne et Grand Ouest</p> <p>La Ville Cognac - 56430 Mauron tél 02.97.22.79.72 - fax 02.97.22.90.51 www.aurecom.fr - info@aurecom.fr</p>	<p>Rhône Alpes Est et Sud-est</p> <p>26 rue Bergson - 42000 Saint Etienne tél 04.77.92.03.56 - fax 04.77.92.03.57 www.rg2i.com - info@rg2i.fr</p>	<p>Votre interlocuteur</p> <p>Groupe 2AR</p>
--	---	---	--